Tafas v. Dudas et al Doc. 177 Att. 5

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Exhibit 16

Reports Generated from PTO's Model (June 2005 though July 2007), A05641-5721

Part 2: A05681-5721

SUMMARY FY 2006 ACTUAL DATA 4/3/07 12:15 08CONG.P16

YEAR EOY STAFF PROF W-Y # HIRED # ATTRITED Net Positions OVERTIME(K)	2005 4,177 3,804 959 425 534	2006 4,779 4,444 1,193 510 683	2007 5,395 4,788 1,200 511 689	2008 5,970 5,411 1,200 580 620	2009 6,487 5,992 1,200 643 557	2010 6,953 6,471 1,200 699 501	2011 7,374 6,907 1,200 749 451	2012 7,751 7,299 1,200 793 407
OT HOURS # BOY NEW TOTAL D'TLS AVG. GRADE	278,669 508,878 13 12.17	341,760 574,922 13 11.59	383,118 674,333 20 11.52	432,962 789,434 20 11.54	480,386 893,580 20 11.63	517,772 994,654 20 11.73	553,319 1,101,400 20 11.84	596,177 1,218,269 20 11.94
RECEIPTS TO BE EXAMINED REG PROD TOT PROD DISPOSALS FIRST ACTS	384,228 275,008 288,315 279,345 297,285	419,760 298,937 315,019 309,689 320,349	453,340 313,578 331,607 324,975 338,239	489,600 357,503 377,877 370,300 385,454	528,800 396,707 419,313 410,900 427,725	571,100 430,862 455,227 446,100 464,355	616,800 464,127 490,165 480,400 499,931	666,100 495,194 523,249 512,800 533,698
PEND FA	21.1	22.6	23.7	23.9	24.1	24.6	25.2	25.8
PEND IS/AB	29.1	31.1	33.0	34.7	34.9	35.1	35.6	36.2
# SPE'S	294	365	415	460	500	535	565	595
#PATS PRTD	152104	164,115	177,397	188,903	210,849	230,071	248,232	265,524

1,200 Examiner Hiring Levels
FY 07 Overtime 80 hours per examiner FTE
FY 08/12 2% efficiency for Claims
FY 08/12 allowance rate is 54%

FY 07/12 Attrition rate 10% FY 07/12 Filing rate 8% Chap I reduction 25%-07 50%-08 75%-09/12 Chap II reduction 25%-08 50%-09/12

Adjusted for Complexity Factor PCT Outsourced Savings FY 07/12 1% Application Abandonments from OIPE

08CONG.P16 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012
Receipts: UPR Filings growth @	384,228	419,760	453,340	489,600	528,800	571,100	616,800	666,100
8% FY 07/12	4* 4*							
Less 1% for discontinued (Less 10% for accelerated								
add back 20% of 5% of FY								
add back 20% of 5% of FY								
add back 20% of 5% of FY								
UPR Filings		419,760	453,340	489,600	528,800	571,100	616,800	666,100
Less Abandonment Rate 1	4,198	4,533	4,896	5,288	5,711	6,168	6,661	
UPR Filings TO BE Exam	nined	415,562	448,807	484,704	523,512	565,389	610,632	659,439
Examiner Hires:	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Attrition rate:	10.6%	10%	10%	10%	10%	10%	10%	10%
Attition rate.	70.070	1070	1070	1070	1070	1070	.070	, 0 , 0
Overtime hours per exam	niner	80	80	80	80	80	80	80
Production Rates:								
Total complexity factor			-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%
Efficiency Gains		0.0	0.0	2.0%	2.0%	2.0%	2.0%	2.0%
FY 04	FY 05 FY 06							
Actual A			iction Units					
GS-5 25.4	24.1 25.1	25.1	24.8	25.2	25.1	25.0	24.8	24.7
GS-7 31.5	31.4 34.1	34.1	33.8	34.3	34.1	33.9	33.8	33.6
GS-9 50.4 GS-11 62.7	45.3 49.9 54.2 53.1	49.9 53.1	49.4 52.6	50.1 53.4	49.9 53.1	49.6 52.8	49.4 52.6	49.1 52.3
GS-11 62.7 GS-12 68.3	67.1 65.6	65.6	64.9	65.9	65.6	65.3	64.9	64.6
GS-12 00.3 GS-13 81	79.4 77.0	77.0	76.2	77.4	77.0	76.6	76.2	75.8
GS-14 91.5	89.8 87.9	87.9	87.0	88.3	87.9	87.4	87.0	86.6
GS-15 103.1	99.3 92.3	92.3	91.4	92.7	92.3	91.8	91.4	90.9
00.1	55.6 52.5	02.0	01.1	02.1	02.0	01.0	31.1	50.5
Patent Cooperation Trea								
PCT Chapter I PUs redired		2						
Chap I reduction 25%-07 5 Chap II reduction 25%-08		2						
Total PCT PU savings	913	977	2,690	6,725	11,231	11,960	12,732	13,551
Total i O i i O savings	313	577	2,000	0,123	11,201	11,500	12,702	10,551
Examiner PCT PUs	14,234	12,617	11,719	8,549	4,960	5,203	5,460	5,733
Examiner FTE	158	144	133	97	56	59	62	65
Examiner FTE lost/taken	out of the exam	inina corp	s:					
Part-time		44	44	44	44	44	44	44
Quality initiatives		12.7	0	0	11	22	27	28
SP Quality Initiatives			19	39	34	34	34	34
New Hire trainers		29	15	15	15	15	15	15
CLE Training		2	4	6	8	10	12	14
Exmi Tech Trng 8 hrs		20	3	6	9	11	13	15
Allowance Rate		53.6%	60.0%	54.0%	54.0%	54.0%	54.0%	54.0%

PT actual number based on 60% TOD

Quality Initiatives 55 hours per GS-12

SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation New Hire trainers are additional over FY 06 level.

CLE Training 2 FTE over base each year

Exmr tech trng is 8 hours per examiner over FY 06 base.

SUMMARY FY 2006 ACTUAL DATA 3/29/07 12:15 08CONG.P15

YEAR EOY STAFF PROF W-Y # HIRED # ATTRITED Net Positions	2005 4,177 3,804 959 425 534	2006 4,779 4,444 1,193 510 683	2007 5,395 4,788 1,200 511 689	2008 5,970 5,411 1,200 580 620	2009 6,487 5,992 1,200 643 557	2010 6,953 6,471 1,200 699 501	2011 7,374 6,907 1,200 749 451	2012 7,751 7,299 1,200 793 407
OVERTIME(K) OT HOURS # BOY NEW TOTAL D'TLS AVG. GRADE	12,225 278,669 508,878 13 12.17	15,031 341,760 574,922 13 11.59	17,520 383,118 674,333 20 11.52	20,215 432,962 789,434 20 11.54	22,900 480,386 893,580 20 11.63	25,200 517,772 994,654 20 11.73	27,500 553,319 1,101,400 20 11.84	29,630 596,177 1,218,269 20 11.94
RECEIPTS TO BE EXAMINED REG PROD TOT PROD DISPOSALS FIRST ACTS	384,228 275,008 288,315 279,345 297,285	419,760 298,937 315,019 309,689 320,349	453,340 313,578 331,607 324,975 338,239	489,600 357,503 377,877 370,300 385,454	528,800 396,707 419,313 410,900 427,725	571,100 430,862 455,227 446,100 464,355	616,800 464,127 490,165 480,400 499,931	666,100 495,194 523,249 512,800 533,698
PEND FA	21.1	22.6	23.7	23.9	24.1	24.6	25.2	25.8
PEND IS/AB	29.1	31.1	33.0	34.7	34.9	35.1	35.6	36.2
# SPE'S	294	365	415	460	500	535	565	595
#PATS PRTD	152104	164,115	177,397	202,895	226,467	247,113	266,619	285,192

1,200 Examiner Hiring Levels FY 07 Overtime 80 hours per examiner FTE FY 08/12 2% efficiency for Claims

FY 07/12 Attrition rate 10% FY 07/12 Filing rate 8% Chap I reduction 25%-07 50%-08 75%-09/12 Chap II reduction 25%-08 50%-09/12

Adjusted for Complexity Factor PCT Outsourced Savings FY 07/12 1% Application Abandonments from OIPE

08CONG.P15 Patent Production Model assumptions

Fiscal Year			2005	2006	2007	2008	2009	2010	2011	2012
Receipts: UPR Filings growth 8% FY 07/12	n @		384,228	419,760	453,340	489,600	528,800	571,100	616,800	666,100
Less 1% for discon	ntinued	l continu	ation							
Less 10% for accel										
add back 20% of 5										
add back 20% of 5										
add back 20% of 5	% of F	Y 11		410.760	453,340	490 600	520 000	571,100	616,800	666 100
UPR Filings				419,760	455,540	489,600	528,800	371,100	010,000	666,100
Less Abandonmen	t Rate	1% duri	ng initial	4,198	4,533	4,896	5,288	5,711	6,168	6,661
UPR Filings TO B			_	415,562	448,807	484,704	523,512	565,389	610,632	659,439
-										
Examiner Hires:			959	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Attrition rate:			10.6%	10%	10%	10%	10%	10%	10%	10%
Overtime hours p	er exa	miner		80	80	80	80	80	80	80
Donato di an Data a										
Production Rates Total complexity fa					-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%
Efficiency Gains	ClOi			0.0	0.0	2.0%	2.0%	2.0%	2.0%	2.0%
	FY 04	FY 05	FY 06	0.0	0.0	2.070	2.0 70	2.070	2.070	2.070
		Actual	Actual	Produ	uction Units	per examin	er per grade	e per fiscal	year	
GS-5	25.4	24.1	25.1	25.1	24.8	25.2	25.1	25.0	24.8	24.7
GS-7	31.5	31.4	34.1	34.1	33.8	34.3	34.1	33.9	33.8	33.6
GS-9	50.4	45.3	49.9	49.9	49.4	50.1	49.9	49.6	49.4	49.1
GS-11	62.7	54.2	53.1	53.1	52.6	53.4	53.1	52.8	52.6	52.3
GS-12	68.3	67.1	65.6	65.6	64.9 76.2	65.9 77.4	65.6	65.3	64.9	64.6
GS-13 GS-14	81 91.5	79.4 89.8	77.0 87.9	77.0 87.9	87.0	88.3	77.0 87.9	76.6 87.4	76.2 87.0	75.8 86.6
	103.1	99.3	92.3	92.3	91.4	92.7	92.3	91.8	91.4	90.9
00-10	103.1	33.5	32.3	32.0	J1. 1	32.1	32.3	31.0	51.4	30.3
Patent Cooperation	on Tre	aty (PC	Γ):							
PCT Chapter I PUs										
Chap I reduction 25				2						
Chap II reduction 2		3 50%-09								
Total PCT PU savi	ngs		913	977	2,690	6,725	11,231	11,960	12,732	13,551
Examiner PCT PUs	s		14,234	12,617	11,719	8,549	4,960	5,203	5,460	5,733
Examiner FTE	_		158	144	133	97	56	59	62	65
Examiner FTE los	t/take	n out of	the exam							
Part-time				44	44	44	44	44	44	44
Quality initiatives				12.7	0	0	11	22	27	28
SP Quality Initiati				00	19	39	34	34	34	34
New Hire trainers	5			29	15	15	15	15 10	15 12	15
CLE Training Exmr Tech Trng 8 hrs				2 20	4	6 6	8 9	10 11	12 13	14 15
t, which earling ones				20	3	U	3	''	13	13
Allowance Rate				53.6%	60.0%	58.0%	58.0%	58.0%	58.0%	58.0%

PT actual number based on 60% TOD

Quality Initiatives 55 hours per GS-12

SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation New Hire trainers are additional over FY 06 level.

CLE Training 2 FTE over base each year

Exmr tech trng is 8 hours per examiner over FY 06 base.

SUMMARY FY 2006 ACTUAL DATA 3/12/07 17:15 08CONG.P13 Patentability Reports 15% Efficiency Gain

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,177	4,779	5,395	6,156	6,841	7,457	8,012	8,516
PROF W-Y	3,804	4,444	4,788	5,466	6,226	6,864	7,442	7,968
# HIRED	959	1,193	1,200	1,400	1,400	1,400	1,400	1,400
# ATTRITED	425	510	511	580	663	737	802	857
Net Positions	534	683	689	820	737	663	598	543
OVERTIME(K)	12,225	15,031	17,520	25,500	29,700	33,400	37,000	40,400
OT HOURS	278,669	341,760	383,118	546,155	623,033	686,254	744,466	812,877
# BOY NEW	508,878	574,922	674,333	789,057	896,010	909,133	818,292	725,561
TOTAL D'TLS	13	13	20	20	20	20	20	20
AVG. GRADE	12.17	11.59	11.52	11.48	11.49	11.57	11.68	11.8
RECEIPTS	384,228	419,760	457,538	448,845	489,241	533,273	581,268	633,582
RECEIPTS TO								
BE EXAMINED	384,228	419,760	452,963	493,730	489,857	482,240	562,555	627,246
REG PROD	275,008	298,937	313,578	353,537	438,048	529,597	607,410	657,231
TOT PROD	288,315	315,019	331,607	379,238	467,367	561,891	642,443	695,484
DISPOSALS	279,345	309,689	324,975	371,700	458,000	550,700	629,600	681,600
FIRST ACTS	297,285	320,349	338,239	386,777	476,733	573,081	655,286	709,367
PEND FA	21.1	22.6	23.7	23.7	23.8	21.9	17.0	15.2
PEND IS/AB	29.1	31.1	33.0	34.7	34.7	34.8	32.9	28.0
# SPE'S	294	365	415	474	526	573	616	655
#PATS PRTD	152104	164,115	177,397	203,493	246,669	298,147	344,662	377,816

FY 09 Claims Continuations and IDS 2%

Renogotiate bonus FY 10/12 2%

FY 08/10 Flat goal .5% FY 11/12 5%

1,400 Examiner Hiring Levels

FY 08/12 Overtime 100 hours per examiner FTE for lap top pilot and Hoteling

FY 09 - 7.5% / FY 10/12 - 15% (Total) Efficiency Gain

FY 09 5% - FY 10/12 10% Application Filing Drop Out Rate

FY 09/10/11 - One Time 10% Inventory Drop Out reduced over 3 years

FY 07/12 Attrition rate 11%

FY 07/12 Filing rate 9%

Chap I reduction 25%-07 50%-08 75%-09/12

Chap II reduction 25%-08 50%-09/12

Adjusted for Complexity Factor PCT Outsourced Savings FY 07/12 1% Application Abandonments from OIPE

08CONG.P13 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012
Receipts: UPR Filings growth @ 9% FY 07/12	384,228	419,760	457,538	498,717	543,601	592,525	645,853	703,980
Less FY 09 5%-FY 10/12	10% for Drop				27,180	59,253	64,585	70,398
Less 10% of FY 08 Backle					21,400	45,700	12,900	
Based on 10% of FAs unt UPR Filings	ii reduction is met	419,760	457,538	498,717	516,421	533,273	581,268	633,582
Less Abandonment Rate	4,198	4,575	4,987	5,164	5,333	5,813	6,336	
UPR Filings TO BE Exar	nined -	415,562	452,963	493,730	489,857	482,240	562,555	627,246
Examiner Hires: Attrition rate:	959 10.6%	1,200 10%	1,200 11%	1,200 11%	1,200 11%	1,200 11%	1,200 11%	1,200 11%
Overtime hours per exam	miner	80	80	80	80	80	80	80
Production Rates:								
Total complexity factor			-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%
Efficiency Gains		0.0	0.0	0.5%	10.0%	20.0%	25.0%	25.0%
FY 04		Dand	and and I leaded			<i>6</i> : 1 .		
Actual GS-5 25.4	Actual Actual 25.1	25.1	ection Units 24.8	per examina 24.8	er per grade 27.1	e per fiscai ; 29.5	year 30.8	30.7
GS-7 31.5	31.4 34.1	34.1	33.8	33.8	36.8	29.5 40.1	30.6 41.9	30.7 41.7
GS-9 50.4	45.3 49.9	49.9	49.4	49.4	53.8	58.6	61.3	61.0
GS-11 62.7	54.2 53.1	53.1	52.6	52.6	57.3	62.4	65.2	64.9
GS-12 68.3	67.1 65.6	65.6	64.9	64.9	70.8	77.1	80.5	80.1
GS-13 81	79.4 77.0	77.0	76.2	76.2	83.1	90.5	94.5	94.1
GS-14 91.5	89.8 87.9	87.9	87.0	87.0	94.8	103.3	107.9	107.4
GS-15 103.1	99.3 92.3	92.3	91.4	91.4	99.6	108.5	113.3	112.8
Patent Cooperation Trea PCT Chapter I PUs redire Chap I reduction 25%-07 Chap II reduction 25%-08 Total PCT PU savings	cted (paralegal) 50%-08 75%-09/1	2 977	2,690	6,725	11,231	11,960	12,732	13,551
Examiner PCT PUs	14,234	12,617	11,719	8,549	4,960	5,203	5,460	5,733
Examiner FTE	158	144	133	97	56	59	62	65
Examiner FTE lost/taken	out of the exam			4.4	4.4	4.4		
Part-time Quality initiatives		44 12 .7	44 0	44 0	44 11	44	44 27	44
SP Quality Initiatives		12.1	19	39	34	22 34	27 34	28 34
New Hire trainers		29	15	15	34 15	34 15	34 15	34 15
CLE Training		29	4	6	8	10	12	14
Exmr Tech Trng 8 hrs		20	3	6	9	11	13	15
Allowance Rate		53.6%	60.0%	58.0%	58.0%	58.0%	58.0%	58.0%

PT actual number based on 60% TOD

Quality Initiatives 55 hours per GS-12

SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation New Hire trainers are additional over FY 06 level.

CLE Training 2 FTE over base each year

Exmr tech trng is 8 hours per examiner over FY 06 base.

SUMMARY FY 2006 ACTUAL DATA 3/20/07 12:15 08CONG.P12

YEAR EOY STAFF PROF W-Y # HIRED # ATTRITED Net Positions	2005 4,177 3,804 959 425 534	2006 4,779 4,444 1,193 510 683	2007 5,395 4,788 1,200 511 689	2008 6,156 5,466 1,400 580 820	2009 6,841 6,226 1,400 663 737	2010 7,457 6,864 1,400 737 663	2011 8,012 7,442 1,400 802 598	2012 8,516 7,968 1,400 857 543
OVERTIME(K) OT HOURS # BOY NEW TOTAL D'TLS AVG. GRADE	12,225 278,669 508,878 13 12.17	15,031 341,760 574,922 13 11.59	17,520 383,118 674,333 20 11.52	25,500 546,155 789,434 20 11.48	623,033 892,257 20 11.49	33,400 686,254 975,041 20 11.57	37,000 744,466 1,044,558 20 11.68	40,400 812,877 1,088,033 20 11.8
RECEIPTS TO BE EXAMINED REG PROD TOT PROD DISPOSALS FIRST ACTS	384,228 275,008 288,315 279,345 297,285	419,760 298,937 315,019 309,689 320,349	453,340 313,578 331,607 324,975 338,239	489,600 353,537 379,238 371,700 386,777	528,800 407,989 437,308 428,600 446,016	571,100 459,447 491,741 481,900 501,583	616,800 527,080 562,113 550,900 573,325	666,100 570,117 608,370 596,200 620,540
PEND FA	21.1	22.6	23.7	24.4	24.6	23.4	22.7	21.9
PEND IS/AB	29.1	31.1	33.0	34.7	35.4	35.6	34.4	33.7
# SPE'S	294	365	415	474	526	573	616	655
#PATS PRTD	152104	164,115	177,397	203,493	234,182	264,802	301,585	330,504

1,400 Examiner Hiring Levels
FY 08 Overtime 100 hours per examiner FTE
Gains from Lap Top Pilot and Hoteling - Starting in FY 07
Flat Goal Pilot/Claims Continuations & IDS/Examiner Bonus Structure - Starting in FY 08
Hire Attorney's Nationwide - FY 08
FY 07/12 Attrition rate 10%
FY 07/12 Filing rate 8%
Chap I reduction 25%-07 50%-08 75%-09/12
Chap II reduction 25%-08 50%-09/12

Adjusted for Complexity Factor PCT Outsourced Savings FY 07/12 1% Application Abandonments from OIPE

08CONG.P12 Patent Production Model assumptions

Fiscal Year Receipts:			2005	2006	2007	2008	2009	2010	2011	2012
UPR Filings growt 8% FY 07/12	h @		384,228	419,760	453,340	489,600	528,800	571,100	616,800	666,100
Less 1% for disco	ntinued	d continu	ation							
Less 10% for acce	elerated	d examin	ation							
add back 20% of 5										
add back 20% of 5										
add back 20% of 5	0% Of F	-Y 11		410.760	452 240	490 600	529 900	571 100	616,800	666 100
UPR Filings				419,760	453,340	489,600	528,800	571,100	010,000	666,100
Less Abandonmer	nt Rate	1% duri	ng initial	4,198	4,533	4,896	5,288	5,711	6,168	6,661
UPR Filings TO E	BE Exa	mined	_	415,562	448,807	484,704	523,512	565,389	610,632	659,439
Examiner Hires:			959	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Attrition rate:			10.6%	10%	10%	10%	10%	10%	10%	10%
Attition rate.			10.070	1070	1070	1070	1070	10 70	1070	1070
Overtime hours p	oer exa	miner		80	80	80	80	80	80	80
Production Rates	s:									
Total complexity fa					-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%
Efficiency Gains				0.0	0.0	0.5%	2.5%	4.5%	9.5%	9.5%
		FY 05	FY 06					<u> </u>		
		Actual	Actual			per examin				20.0
GS-5 GS-7	25.4 31.5	24.1 31.4	25.1 34.1	25.1 34.1	24.8 33.8	24.8 33.8	25.2 34.3	25.6 34.8	26.7 36.3	26.6 36.1
GS-9	50.4	45.3	49.9	49.9	49.4	49.4	50.1	50.9	53.2	52.9
GS-11	62.7	54.2	53.1	53.1	52.6	52.6	53.4	54.1	56.6	56.3
GS-12	68.3	67.1	65.6	65.6	64.9	64.9	65.9	66.9	69.9	69.5
GS-13	81	79.4	77.0	77.0	76.2	76.2	77.4	78.5	82.0	81.6
GS-14	91.5	89.8	87.9	87.9	87.0	87.0	88.3	89.6	93.6	93.2
GS-15	103.1	99.3	92.3	92.3	91.4	91.4	92.7	94.1	98.3	97.8
Patent Cooperati	on Tre	atv (PC	T):							
PCT Chapter I PU										
Chap I reduction 2				2						
Chap II reduction :	25%-08	3 50%-09	9/12							
Total PCT PU sav	ings		913	977	2,690	6,725	11,231	11,960	12,732	13,551
Examiner PCT PU	ls		14,234	12,617	11,719	8,549	4,960	5,203	5,460	5,733
Examiner FTE			158	144	133	97	56	59	62	65
Examiner FTE los	st/take	n out of	the exam	•						
Part-time Quality initiatives	-			44 12.7	44 0	44 0	44 11	44	44	44
SP Quality Initiatives				12./	19	39	34	22 34	27 34	28 34
New Hire trainer				29	15	15	15	15	34 15	34 15
CLE Training	-			2	4	6	8	10	12	14
Exmr Tech Trng 8 hrs				20	3	6	9	11	13	15
Allowance Rate				53.6%	60.0%	58.0%	58.0%	58.0%	58.0%	58.0%

PT actual number based on 60% TOD

Quality Initiatives 55 hours per GS-12

SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation New Hire trainers are additional over FY 06 level.

CLE Training 2 FTE over base each year

Exmr tech trng is 8 hours per examiner over FY 06 base.

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,177	4,779	5,395	5,922	6,416	6,857	7,251	7,605
PROF W-Y	3,804	4,444	4,788	5,378	5,935	6,389	6,798	7,168
# HIRED	959	1,193	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	425	510	511	607	668	725	775	819
Net Positions	534	683	689	593	532	475	425	381
OVERTIME(K)	12,225	15,031	17,520	20,215	22,900	25,200	27,500	29,630
OT HOURS	278,669	341,760	383,118	432,962	480,386	517,772	553,319	596,177
# BOY NEW	508,878	574,922	674,333	791,080	785,670	766,559	776,472	823,509
TOTAL D'TLS	13	13	20	20	20	20	20	20
AVG. GRADE	12.17	11.59	11.52	11.54	11.62	11.72	11.82	11.93
RECEIPTS	384,228	419,760	457,538	448,845	489,241	533,273	581,268	633,582
RECEIPTS TO								
BE EXAMINED	384,228	419,760	452,963	422,957	438,649	515,040	575,455	627,246
REG PROD	275,008	298,937	313,578	365,700	424,420	459,471	493,024	524,662
TOT PROD	288,315	315,019	331,607	386,074	447,026	483,836	519,062	552,717
DISPOSALS	279,345	309,689	324,975	343,781	436,292	462,545	509,707	532,793
FIRST ACTS	297,285	320,349	338,239	428,368	457,760	505,128	528,418	572,642
PEND FA	21.1	22.6	23.7	22.5	20.3	19.0	18.5	18.3
PEND IS/AB	29.1	31.1	33.0	34.7	33.5	31.3	30.0	29.5
# SPE'S	294	365	415	455	493	527	558	585
#PATS PRTD	152104	164,115	177,397	191,568	233,532	257,660	281,374	297,795

1,200 Examiner Hiring Levels FY 07/12 Overtime 80 hours per examiner FTE FY 08 - 5% / FY 09/12 - 10% Efficiency Gain FY 08/12 10% Application Filing Drop Out Rate FY 08/09/10 - One Time 10% Inventory Drop Out reduced over 3 years FY 07/12 Attrition rate 11% FY 07/12 Filing rate 9% Chap I reduction 25%-07 50%-08 75%-09/12 Chap II reduction 25%-08 50%-09/12

Adjusted for Complexity Factor PCT Outsourced Savings FY 07/12 1% Application Abandonments from OIPE

08CONG.P3 Patent Production Model assumptions

Fiscal Year Receipts:			2005	2006	2007	2008	2009	2010	2011	2012
UPR Filings growth 9% FY 07/12	@		384,228	419,760	457,538	498,717	543,601	592,525	645,853	703,980
Less 10% for Drop o	out					49,872	54,360	59,253	64,585	70,398
Less 10% of FY 08 E Based on 10% of FA						21,400	45,700	12,900		
UPR Filings				419,760	457,538	448,845	489,241	533,273	581,268	633,582
Less Abandonment I			g initial	4,198	4,575	4,488	4,892	5,333	5,813	6,336
UPR Filings TO BE Examined				415,562	452,963	422,957	438,649	515,040	575,455	627,246
Examiner Hires:			959	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Attrition rate:			10.6%	10%	11%	11%	11%	11%	11%	11%
Overtime hours per	exam	niner		80	80	80	80	80	80	80
Production Rates:										
Total complexity fact	tor				-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%
Efficiency Gains	V 04	E.Y. 0E	EV 00	0.0	0.0	5.0%	10.0%	10.0%	10.0%	10.0%
		FY 05 Actual	FY 06	Decel	سفاسا السماعم					
	25.4	24.1	Actual 25.1	25.1	ection Units 24.8			-		00.7
	31.5	31.4	34.1	34.1	33.8	26.0 35.3	27.1 36.8	27.0 36.7	26.9	26.7
	50.4	45.3	49.9	49.9	49.4	51.6	53.9	53.7	36.5 53.4	36.3 53.1
	62.7	54.2	53.1	53.1	52.6	54.9	57.4	57.1	56.8	56.5
	68.3	67.1	65.6	65.6	64.9	67.9	70.9	70.5	70.2	69.8
GS-13	81	79.4	77.0	77.0	76.2	79.6	83.2	82.8	82.4	82.0
	91.5	89.8	87.9	87.9	87.0	90.9	95.0	94.5	94.0	93.6
GS-15 1	03.1	99.3	92.3	92.3	91.4	95.5	99.7	99.2	98.7	98.2
Patent Cooperation										
PCT Chapter I PUs re										
Chap I reduction 25%										
Chap II reduction 25°		50%-09/								
Total PCT PU saving	js		913	977	2,690	6,725	11,231	11,960	12,732	13,551
Examiner PCT PUs			14,234	12,617	11,719	8,549	4,960	5,203	5,460	5,733
Examiner FTE			158	144	133	97	56	59	62	65
Examiner FTE lost/t	aken	out of tl	ne examin	ing corps:						
Part-time				44	44	44	44	44	44	44
Quality initiatives				12.7	0	0	11	22	27	28
SP Quality Initiative	es				19	39	34	34	34	34
New Hire trainers				29	15	15	15	15	15	15
CLE Training				2	4	6	8	10	12	14
Exmr Tech Ting 6 hrs				20	3	6	9	11	13	15
Allowance Rate				53.6%	60.0%	58.0%	58.0%	58.0%	58.0%	58.0%

PT actual number based on 60% TOD

Quality Initiatives 55 hours per GS-12

SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation New Hire trainers are additional over FY 06 level.

CLE Training 2 FTE over base each year

Exmr tech trng is 8 hours per examiner over FY 06 base.

	Y 2004	ACTUAL							
6/24/05 12:00 0	7OMB.P39E	mod	06 Pres						
			Budget						
YEAR	2004	2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF	3,681	4,091	4,723	4,631	5,166	5,708	6,265	6,786	7,274
PROF W-Y	3,550	3,649	4,149	4,121	4,676	5,259	5,859	6,393	6,899
# HIRED	443	860	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	336	414	337	418	423	417	400	439	475
Net Positions	107	446	563	582	577	583	600	561	525
OVERTIME(K)	13,373	14,360	20,000	17,885	21,225	24,965	29,100	31,755	34,265
OT HOURS	303,459	311,496	414,765	370,904	420,796	473,270	527,269	575,375	620,855
# BOY NEW	443,852	508,878	594,753	607,837	673,347	543,549	453,667	333,201	188,042
TOTAL D'TLS	12	25	25	28	29	31	32	32	32
AVG. GRADE	12.41	11.96	11.65	11.75	11.57	11.56	11.63	11.71	11.81
RECEIPTS	355,527	376,900	395,709	389,513	359,975	381,565	404,430	428,655	454,410
DE0510T0 T0									
RECEIPTS TO									
BE EXAMINED	355,527	376,900	395,709	385,518	355,740	377,076	399,672	423,612	449,064
REG PROD	272,372	277,845	293,432	296,456	391,424	436,042	485,695	531,173	576,801
TOT PROD	287,752		314,454	315,254	412,751	460,029	512,419	560,335	608,268
DISPOSALS	287,188	295,456	292,536	310,500	406,600	453,100	504,700	551,900	599,100
FIRST ACTS	288,316	297,614	336,371	320,008	418,903	466,958	520,138	568,771	617,436
PEND FA calculated b	y FA output			22.5	15.6	11.7	7.7	4.0	0.4
PEND IS/AB				31.3	35.2	25.6	21.7	17.7	14.0
# SPE'S	278	315	264	256	200	420	400	500	550
# SEES	218	315	364	356	398	439	482	522	559
#PATS PRTD	170,664	176,837	178,913	178,173	234,895	271,005	301,881	331,519	360,486

Plus #3 Added Assumptions
Patentability Reports - 15% gain beginning in FY 07
10% Drop out in FY 07 inventory
10% reduction in filings from Patentability Reports
No Outsourcing of the US Search
Claims reduction - 2.5% in FY 06/2.5% in FY 07 (5% Total)
5% reduction in filings from Continuation Limitation

#2 added assumptions
1,000 Examiner Hiring Levels
Trainers for New Hires
FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions Adjusted for Complexity Creep PGPub Outsourced Savings FY 06/11 PCT Outsourced Savings FY 06/11 1% Application Abandonments from OIPE GS-12+ Tech Training Allowance Rate 60.0% 63.0% 63.0% 63.0% 63.0% 63.0%

07OMB.P39Emod Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011
Receipts: UPR Filings grow @ 6%	376,900	399,500	423,500	448,900	475,800	504,300	534,600
Less 5% for discontinued c UPR Filings Less Abandonment Rate 19		2.5% 9,988 3,995	15.0% 63,525 4,235	15.0% 67,335 4,489	15.0% 71,370 4,758	15.0% 75,645 5,043	15.0% 80,190 5,346
	-	385,518	355,740	377,076	399,672	423,612	449,064
UPR Filings TO BE Exam	inea	365,516	66,635	377,070	333,072	420,012	445,001
10% Inventory Reduction			289,105				
Net Filings	000	1 000	1,000	1,000	1,000	1,000	1,000
Examiner Hires:	860	1,000			7%	7%	7%
Attrition rate:	11%	10%	9%	8%	1 70	1 /0	7 /0
Production Rates:							5.00
Total complexity creep		-2.0%	-3.0%	-3.5%	-4.0%	-4.5%	-5.0%
Efficiency Gains		0.025	0.200	0.200	0.200	0.200	0.200
FY 04							
Actual		Produ	iction Units	per examin	er per grad	e per fiscal	year
GS-5 25.4		25.5	30.3	30.2	30.0	29.9	29.7
GS-7 31.5		31.6	37.6	37.4	37.2	37.0	36.8
GS-9 50.4		50.6	60.1	59.8	59.5	59.2	59.0
GS-11 62.7		63.0	74.8	74.4	74.1	73.7	73.3
GS-12 68.3		68.6	81.5	81.1	80.7	80.3	79.9
GS-13 81		81.4	96.7	96.2	95.7	95.2	94.7
GS-14 91.5		91.9	109.2	108.6	108.1	107.6	107.0
GS-15 103.1		103.6	123.0	122.4	121.8	121.2	120.6
Patent Cooperation Treat PCT Chapter I PUs redired Chap I reduction 25%-07 5	ted (paralega						
Chap II reduction 25%-08	50%-09/11						
Total PCT PU savings		1,250	4,078	9,496	15,284	15,856	16,462
Examiner PCT PUs		18,423	16,236	11,496	6,428	6,619	6,821
Examiner FTE		201	177	126	70	72	75
Competitive Sourcing:							
PGPub FTE redirected to e	examination	35	37	39	42	44	47
Overtime: Overtime hours per examin	ner FTE	90	90	90	90	90	90
Examiner FTE lost/taken	out of the e	xamining c	orps:				
Part-time		55	55	55	55	55	55
Quality initiatives		39	42	48	50	57	57
New Hire trainers		30	30	30	30	30	30
CLE Training		20	21	22	23	24	25
Exmr Tech Trng 8 hrs >=	-GS12	10	13.7	14.4	16	17.6	19.1

SUMMARY 6/17/05 11:45	FY 2004 07OMB.P400	ACTUAL D	DATA 06 Pres Budget						
YEAR	2004	2005	_	2006	2007	2008	2009	2010	2011
EOY STAFF	3,681	4,091	4,723	4,631	5,166	5,708	6,265	6,786	7,274
PROF W-Y	3,550	,	4,149	4,121	4,676	5,259	5,859	6,393	6,899
# HIRED	443		900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	336	414	337	418	423	417	400	439	475
Net Positions	107	446	563	582	577	583	600	561	525
0) (55.5%)									
OVERTIME(K)	13,373	14,360	20,000	17,885	21,225	24,965	29,100	31,755	34,265
OT HOURS	303,459	•	414,765	370,904	420,796	473,270	527,269	575,375	620,855
# BOY NEW	443,852	,	594,753	607,837	673,347	710,327	729,744	727,499	702,755
TOTAL D'TLS	12	25	25	28	29	31	32	32	32
AVG. GRADE	12.41	11.96	11.65	11.75	11.57	11.56	11.63	11.71	11.81
RECEIPTS TO	355,527	376,900	395,709	389,513	402,325	426,455	452,010	479,085	507,870
BE	055 50-								
EXAMINED		376,900		385,518	398,090	421,966	447,252	474,042	502,524
REG PROD		277,845	,	296,456	334,428	372,588	416,124	462,281	516,072
TOT PROD DISPOSALS		296,535	314,454	315,254	355,755	396,575	442,848	491,443	547,539
FIRST ACTS		295,456		310,500	350,400	390,600	436,200	484,100	539,300
FIRST ACTS	288,316	297,614	336,371	320,008	361,110	402,549	449,497	498,786	555,778
PEND FA	20.2	20.7	21.4	22.5	22.9	22.3	21.0	19.3	17.0
PEND IS/AB	27.6	31.0	31.3	31.3	32.5	32.9	32.3	31.0	29.3
# SPE'S	278	315	364	356	398	439	482	522	559
#PATS PRTD	170,664	176,837	178,913	178,173	208,967	233,606	260,756	289,802	322,567

#3 Added Assumptions Claims reduction - 2.5% in FY 06/2.5% in FY 07 (5% Total) 5% reduction in filings from Continuation Limitation

Efficiency gain changed from 20% to 5%

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #2 Added Assumptions 1,000 Examiner Hiring Levels Trainers for New Hires

Plus #1 Base Assumptions Adjusted for Complexity Creep Efficiency gains: PGPub Outsourced Savings FY 06/11 PCT Outsourced Savings FY 06/11 1% Application Abandonments from OIPE GS-12+ Tech Training

07OMB.P40D Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011
Receipts: UPR Filings grow @ 6%	376,900	399,500	423,500	448,900	475,800	504,300	534,600
1 50/ 6		2.5	5.0				
Less 5% for discontinued UPR Filings	continuation	9,988	21,175	22,445	23,790	25,215	26,730
OFK Fillings		389,513	402,325	426,455	452,010	479,085	507,870
Less Abandonment Rate	•	3,995	4,235	4,489	4,758	5,043	5,346
UPR Filings TO BE Exar	nined	385,518	398,090	421,966	447,252	474,042	502,524
Examiner Hires:	000		4 000				
Attrition rate:	860 11%	1,000	1,000	1,000	1,000	1,000	1,000
Attition rate,	1170	10%	9%	8%	7%	7%	7%
Production Rates:							
Total complexity creep		-2.0%	-3.0%	-3.5%	-4.0%	-4.5%	-5.0%
Efficiency Gains		2.5%	5.0%	5.0%	5.310%	6.870%	9.680%
FY 04							
Actual		Produ	ction Units	per examin	er per grade	e per fiscal	year
GS-5 25.4		25.5	25.9	25.8	25.7	26.0	26.6
GS-7 31.5		31.6	32.1	31.9	31.9	32.2	33.0
GS-9 50.4		50.6	51.4	51.1	51.0	51.6	52.7
GS-11 62.7		63.0	63.9	63.6	63.5	64.1	65.6
GS-12 68.3		68.6	69.6	69.3	69.1	69.9	71.5
GS-13 81		81.4	82.6	82.2	82.0	82.9	84.8
GS-14 91.5		91.9	93.3	92.8	92.6	93.6	95.7
GS-15 103.1		103.6	105.1	104.6	104.4	105.5	107.9
Patent Cooperation Trea	ity (PCT):						
PCT Chapter I PUs redire		D)					
Chap I reduction 25%-07 !							
Chap II reduction 25%-08							
Total PCT PU savings	·	1,250	4,078	9,496	15,284	15,856	16,462
Examiner PCT PUs	-	18,423	16,236	11,496	6,428	6,619	6,821
Examiner FTE		201	177	126	70	72	75
		•					
Competitive Sourcing:							
PGPub FTE redirected to Overtime:	examination	35	37	39	42	44	47
Overtime hours per exami	ner FTE	90	90	90	90	90	90
Examiner FTE lost/taken	out of the ex	aminina c	orns:				
Part-time		55	55 55	55	55	55	55
Quality initiatives		39	42	48	50	57	57
New Hire trainers		30	30	30	30	30	30
CLE Training		20	21	22	23	24	25
Exmr Tech Trng 8 hrs >	=GS12	10	13.7	14.4	16	17.6	19.1
Allowance Rate		60.0%	63.0%	63.0%	63.0%	63.0%	63.0%

SUMMARY FY 2004 ACTUAL DATA 06CONG.P21

								Notes
YEAR	2004	2005	2006	2007	2008	2009	2010	
EOY STAFF	3681	3645	3646	3646	3646	3646	3646	FY 05/10 Filing growth rate is 6%
PROF W-Y	3550	3344	3346	3337	3330	3322	3313	FY 05/10 Attrition rate is 8%
# HIRED	443	296	296	296	296	296	296	
# ATTRITED	336	296	296	296	296	296	296	
Net Positions	107	0	0	0	0	0	0	
								FY 05/10 90 Overtime hours/FTE
OVERTIME(K)	13373	13875	14495	15150	15810	16500	16455	
OT HOURS	303459	300976	300601	300356	299715	298967	298151	No PCT Outsourcing
# BOY NEW	443852	508878	609792	732160	876771	1E+06	######	
TOTAL D'TLS	12	25	25	25	25	25	25	
AVG. GRADE	12.41	12.4	12.61	12.77	12.86	12.93	12.97	
								FY 06/10 Prod rates adj for complexity
RECEIPTS	355527	376900	399500	423500	448900	475800	504300	
REG PROD	272372	256689	257801	259547	260900	261097	260777	FY 05-38 SY's Quality Initiatives
TOT PROD	287752	271943	273036	274770	276090	276249	275888	FY 06/10 68 SY's Quality Initiatives
DISPOSALS	287188	267900	268940	270650	271950	272100	271750	FY 05/06 30 SY's Trainers for new hires
FIRST ACTS	288316	275986	277132	278890	280230	280397	280026	FY 05/10 15 hr/Exmr CLE Training
PEND FA	20.2	21.3	23.5	26.3	29.4	32.8	36.4	No Efficiency Gains
PEND IS/AB	27.6	30.2	32.3	34.5	37.3	40.4	43.8	
								FY 05/10 EOD Date 7/1
NO. SPE'S	278	315	315	315	315	315	315	
#PATS PRTD	170664	167354	164895	165842	166634	166970	166831	FY 05/10 allowance rate 63%

07OMB.P40D Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011
Receipts:							
UPR Filings grow @ 6%	376,900	399,500	423,500	448,900	475,800	504,300	534,600
Less 5% for discontinued	continuation	9,988	21,175	22,445	23,790	25,215	26,730
UPR Filings		389,513	402,325	426,455	452,010	479,085	507,870
3		000,010	102,020	120,400	402,010	473,003	307,070
Less Abandonment Rate 1	_	3,995	4,235	4,489	4,758	5,043	5,346
UPR Filings TO BE Exan	nined	385,518	398,090	421,966	447,252	474,042	502,524
		٠.					•
Examiner Hires:	860	1,000	1,000	1,000	1,000	1,000	1,000
Attrition rate:	11%	10%	9%	8%	7%	7%	7%
Production Rates:							
Total complexity creep		-2.0%	-3.0%	-3.5%	-4.0%	-4.5%	-5.0%
Efficiency Gains		2.5%	5.0%	5.0%	5.310%	6.870%	
FY 04		. 2.370	3.070	3.078	3.31076	0.070%	9.680%
Actual		Produ	ction Units	ner evamin	er nor grade	e per fiscal y	
GS-5 25.4		25.5	25.9	25.8	er per grade 25.7		
GS-7 31.5		31.6	32.1	31.9	25.7 31.9	26.0	26.6
GS-9 50.4		50.6	52.1 51.4	51.9		32.2	33.0
GS-11 62.7		63.0	63.9	63.6	51.0	51.6	52.7
GS-12 68.3		68.6	69.6	69.3	63.5	64.1	65.6
GS-13 81		81.4	82.6	82.2	69.1	69.9	71.5
GS-14 91.5		91.9	93.3	92.8	82.0	82.9	84.8
GS-15 103.1		103.6	93.3 105.1	92.0 104.6	92.6	93.6	95.7
100.1		105.0	103.1	104.6	104.4	105.5	107.9
Patent Cooperation Treat	ty (PCT):						
PCT Chapter I PUs redirec	ted (paralegal)					
Chap I reduction 25%-07 5	0%-08 75%-0	, 9/11					
Chap II reduction 25%-08 5	50%-09/11						
Total PCT PU savings		1,250	4,078	9,496	15,284	15,856	16,462
		.,—	.,	0, 100	10,201	10,000	10,402.
Examiner PCT PUs		18,423	16,236	11,496	6,428	6,619	6,821
Examiner FTE		201	177	126	70	72	75
Competitive Sourcing:							
PGPub FTE redirected to e	examination	35	37	39	42	4.4	4.7
Overtime:	, xumuton	33	57	33	42	44	47
Overtime hours per examir	ner FTE	90	90	90	90	90	90
.							
Examiner FTE lost/taken	out of the exa	_	•			•	
Part-time		55	55	55	55	55	55
Quality initiatives		39	42	48	50	57	57
New Hire trainers		30	30	30	30	30	30
CLE Training		20	21	22	23	24	25
Exmr Tech Trng 8 hrs >=	GS12	10	13.7	14.4	16	17.6	19.1
Allowance Rate		60.0%	63.0%	63.0%	63.0%	63.0%	63.0%

						•			
	FY 2004	ACTUAL	. DATA						
6/17/05 11:45	07OMB.P40t	D	06 Pres						
			Budget						
YEAR	2004	2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF	3,681	4,091	4,723	4,631	5,166	5,708	6,265	6,786	7,274
PROF W-Y	3,550	3,649	4,149	4,121	4,676	5,259	5,859	6,393	6,899
# HIRED	443	860	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	336	414	337	418	423		400	439	475
Net Positions	107	446	563	582	577	583	600	561	525
· · · ·									020
OVERTIME(K)	13,373	,	,	17,885	21,225	24,965	29,100	31,755	34,265
OT HOURS	303,459	,	414,765	370,904	420,796	473,270	527,269	575,375	620,855
# BOY NEW	443,852	508,878	594,753	607,837	673,347	710,327	729,744	727,499	702,755
TOTAL D'TLS	12	25	25	28	29	31	32	32	32
AVG. GRADE	12.41	11.96	11.65	11.75	11.57	11.56	11.63	11.71	11.81
DECEMBER					•				
RECEIPTS	355,527	376,900	395,709	389,513	402,325	426,455	452,010	479,085	507,870
RECEIPTS TO									•
BE									
EXAMINED	355,527			385,518	398,090	421,966	447,252	474,042	502,524
REG PROD		277,845	•	296,456	334,428	372,588	416,124	462,281	516,072
TOT PROD		296,535		315,254	355,755	396,575	442,848	491,443	547,539
DISPOSALS			,	310,500	350,400	390,600	436,200	484,100	539,300
FIRST ACTS	288,316	297,614	336,371	320,008	361,110	402,549	449,497	498,786	555,778
PEND FA	. 20.0	00.7			4				
FLNDFA	20.2	20.7	21.4	22.5	22.9	22.3	21.0	19.3	17.0
PEND IS/AB	27.6	24.0	24.2	04.0					
TEND IOIAD	21.0	31.0	31.3	31.3	32.5	32.9	32.3	31.0	29.3
# SPE'S	278	315	364	250	200	400	405		
	210	313	304	356	398	439	482	522	559
#PATS PRTD	170 664	176,837	178 913	178,173	208 067	222 606	200.750	200 000	200 50-
	110,004	. 170,007	110,313	170,173	208,967	233,606	260,756	289.802	322.567

#3 Added Assumptions Claims reduction - 2.5% in FY 06/2.5% in FY 07 (5% Total) 5% reduction in filings from Continuation Limitation

Efficiency gain changed from 20% to 5%

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #2 Added Assumptions 1,000 Examiner Hiring Levels Trainers for New Hires

Plus #1 Base Assumptions Adjusted for Complexity Creep Efficiency gains: PGPub Outsourced Savings FY 06/11 PCT Outsourced Savings FY 06/11 1% Application Abandonments from OIPE GS-12+ Tech Training

07OMB.P39Emod Patent Production Model assumptions

Fiscal Year Receipts:	2005	2006	2007	2008	2009	2010	2011
UPR Filings grow @ 6%	376,900	399,500	423,500	448,900	475,800	504,300	534,600
Less 5% for discontinued couper Filings Less Abandonment Rate 19		2.5% 9,988 3,995	15.0% 63,525 4,235	15.0% 67,335 4,489	15.0% 71,370 4,758	15.0% 75,645 5,043	15.0% 80,190 5,346
UPR Filings TO BE Exami 10% Inventory Reduction	_	385,518	355,740 66,635	377,076	399,672	423,612	449,064
Net Filings Examiner Hires: Attrition rate:	860 11%	1,000 10%	289,105 1,000 9%	1,000 8%	1 ,000 7%	1,000 7%	1,000 7%
Production Rates:							
Total complexity creep Efficiency Gains		-2.0% 0.025	-3.0% 0.200	-3.5% 0.200	-4.0% 0.200	-4.5% 0.200	-5.0% 0.200
FY 04 Actual		Produ	iction Units	per examin	er ner arade	ner fiscal i	/ear
GS-5 25.4 GS-7 31.5		25.5 31.6	30.3 37.6	30.2 37.4	30.0 37.2	29.9 37.0	29.7 36.8
GS-9 50.4 GS-11 62.7		50.6 63.0	60.1 74.8	59.8 74.4	59.5 74.1	59.2 73.7	59.0 73.3
GS-12 68.3 GS-13 81		68.6 81.4	81.5 96.7	81.1 96.2	80.7 95.7	80.3 95.2	79.9 94.7
GS-14 91.5 GS-15 103.1		91.9 103.6	109.2 123.0	108.6 122.4	108.1 121.8	107.6 121.2	107.0 120.6
Patent Cooperation Treaty PCT Chapter I PUs redirect Chap I reduction 25%-07 50 Chap II reduction 25%-08 5	ed (paralega 0%-08 75%-0						
Total PCT PU savings		1,250	4,078	9,496	15,284	15,856	16,462
Examiner PCT PUs Examiner FTE		18,423 201	16,236 177	11,496 126	6,428 70	6,619 72	6,821 75
Competitive Sourcing: PGPub FTE redirected to ex	xamination	35	37	39	42	44	47
Overtime: Overtime hours per examine	er FTE	90	90	90	90	90	90
Examiner FTE lost/taken o	out of the ex	amining co	orps:				
Part-time		55	55	55	55	55	55
Quality initiatives		39	42	48	50	57	57
New Hire trainers		30	30	30	30	30	30
CLE Training Exmr Tech Trng 8 hrs >=0	GS12	20 10	21 13.7	22 14.4	23 16	24 17.6	25 19.1
Allowance Rate		60.0%	63.0%	63.0%	63.0%	63.0%	63.0%

SUMMARY 6/24/05 12:00	FY 2004	ACTUAL							
0/2 // 00 12:00	07 01010.1 331	_IIIOu	06 Pres					,	
YEAR	2004	2005	Budget						•
EOY STAFF	3,681			2006	2007		2009	2010	2011
PROF W-Y	3,550	4,091	4,723	4,631	5,166	5,708	6,265	6,786	7,274
# HIRED	•		•	4,121	4,676	5,259	5,859	6,393	6,899
# ATTRITED	443		900	1,000	1,000	1,000	1,000	1,000	1,000
Net Positions	336		337	418	423	. 417	400	439	475
Net Positions	107	446	. 563	582	577	583	600	561	525
OVERTIME(K)	13,373	14,360	20,000	17 005	04.005	04.005	00.400		
OT HOURS	303,459	311,496	•	17,885	21,225	24,965	29,100	31,755	34,265
# BOY NEW	443,852		414,765	370,904	420,796	473,270	527,269	575,375	620,855
TOTAL D'TLS	12		594,753	607,837	673,347	543,549	453,667	333,201	188,042
AVG. GRADE	12.41	25	25	28	29	31	32	32	32
AVO. ONADE	12.41	11.96	11.65	11.75	11.57	11.56	11.63	11.71	11.81
RECEIPTS	355,527	376,900	395,709	389,513	359,975	381,565	404,430	428,655	454,410
RECEIPTS TO									
BE EXAMINED	355,527	376,900	395,709	385,518	355,740	377,076	200.672	400.040	440.000
REG PROD	272,372	277.845	293,432	296,456	391,424	436,042	399,672	423,612	449,064
TOT PROD	287,752	296,535	314,454	315,254	412,751	•	485,695	531,173	576,801
DISPOSALS	•	295,456	292,536	310,500	406,600	460,029	512,419	560,335	608,268
FIRST ACTS	288,316	297,614	336,371	320,008		453,100	504,700	551,900	599,100
PEND FA calculated	I by FA output	201,014	000,071	22.5	418,903	466,958	520,138	568,771	617,436
PEND IS/AB	o y a ra output				15.6	11.7	7.7	4.0	0.4
				31.3	35.2	25.6	21.7	17.7	14.0
# SPE'S	278	315	364	356	398	439	482	522	559
#PATS PRTD	170,664	176,837	178,913	178,173	234,895	271,005	301,881	331,519	360,486

Plus #3 Added Assumptions
Patentability Reports - 15% gain beginning in FY 07
10% Drop out in FY 07 inventory
10% reduction in filings from Patentability Reports
No Outsourcing of the US Search
Claims reduction - 2.5% in FY 06/2.5% in FY 07 (5% Total)
5% reduction in filings from Continuation Limitation

#2 added assumptions
1,000 Examiner Hiring Levels
Trainers for New Hires
FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions
Adjusted for Complexity Creep
PGPub Outsourced Savings FY 06/11
PCT Outsourced Savings FY 06/11
1% Application Abandonments from OIPE
GS-12+ Tech Training

07OMB.P39D Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011
Receipts:							
UPR Filings grow @ 6%	376,900	399,500	423,500	448,900	475,800	504,300	534,600
Less 5% for discontinued c	ontinuation	0	0	0	0	0	0
UPR Filings		0	0	0	0	0	0
3		Ū	J	Ū	Ü	U	U
Less Abandonment Rate 19		3,995	4,235	4,489	4,758	5,043	5,346
UPR Filings TO BE Exam	ined	395,505	419,265	444,411	471,042	499,257	529,254
						·	,
Examiner Hires:	860	1,000	1,000	1,000	1,000	1,000	1,000
Attrition rate:	11%	10%	9%	8%	7%	7%	7%
Production Rates:							
Total complexity creep		-2.0%	-3.0%	-3.5%	-4.0%	-4.5%	E 00/
Efficiency Gains		0.0	0.0	0.0	0.0031	0.0156	-5.0%
FY 04		0.0	0.0	0.0	0.0031	0.0156	0.0281
Actual		Produ	ction Unite i	ar avamin	er per grade	nor final	40.00
GS-5 25.4		24.9	24.6	24.5	24.5	24.7	
GS-7 31.5		30.9	30.6	30.4	30.4		25.3
GS-9 50.4		49.4	48.9	48.7	48.6	30.7	31.4
GS-11 62.7		61.4	60.8	40.7 60.5		49.1	50.2
GS-12 68.3		66.9	66.3	65.9	60.4	61.1	62.5
GS-13 81		79.4	78.6	78.2	65.8	66.5	68.0
GS-14 91.5		89.7	88.8	88.3	78.0	78.9	80.7
GS-15 103.1		101.0	100.0	99.5	88.2	89.1	91.1
100.1		101.0	100.0	99.5	99.3	100.4	102.7
Patent Cooperation Treat	y (PCT):						
PCT Chapter I PUs redirect	ed (paralegal)					
Chap I reduction 25%-07 50		9/11					
Chap II reduction 25%-08 5	0%-09/11						
Total PCT PU savings		1,250	4,078	9,496	15,284	15,856	16,462
			·	,	, ,	,	10,102
Examiner PCT PUs		18,423	16,236	11,496	6,428	6,619	6,821
Examiner FTE		201	177	126	70	72	75
Competitive Sourcing:							
PGPub FTE redirected to ex	xamination	35	37	39	42	44	47
Overtime:							
Overtime hours per examine	er FTE	90	90	90	90	90	90
Examiner FTE lost/taken o	out of the au						
Part-time	out of the ex		-			_	
Quality initiatives		55 20	55	55	55	55	55
New Hire trainers		39	42	48	50	57	57
CLE Training		30	30	30	30	30	30
Exmr Tech Trng 8 hrs >=(2012	20	21	22	23	24	25
EARL FEOR THIS O HIS >=(301Z	10	13.7	14.4	16	17.6	19.1
Allowance Rate		60.0%	63.0%	63.0%	63.0%	63.0%	63.0%
*		· - · •		33.070	33.070	03.070	05.070

SUMMARY FY 2004 ACTUAL DATA									
6/24/05 11:30 070	OMB.P39D)	06 Pres						
			Budget						
YEAR	2004	2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF	3,681	4,091	4,723	4,631	5,166	5,708	6,265	6,786	7,274
PROF W-Y	3,550	3,649	4,149	4,121	4,676	5,259	5,859	6,393	6,899
# HIRED	443	860	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	336	414	337	418	423	417	400	439	475
Net Positions	107	446	563	582	577	583	600	561	525
OVERTIME(K)	13,373	14,360	20,000	17,885	21,225	24,965	29,100	31,755	34,265
OT HOURS	303,459	311,496	414,765	370,904	420,796	473,270	527,269	575,375	620,855
# BOY NEW	443,852	508,878	594,753	607,837	690,657	765,162	825,358	867,135	890,089
TOTAL D'TLS	12	25	25	28	29	31	32	32	32
AVG. GRADE	12.41	11.96	11.65	11.75	11.57	11.56	11.63	11.71	11.81
RECEIPTS	355,527	376,900	395,709	399,500	423,500	448,900	475,800	504,300	534,600
RECEIPTS TO	٠								
BE EXAMINED	355,527	376,900	395,709	395,505	419,265	444,411	471,042	499,257	529,254
REG PROD	272,372	277,845	293,432	289,294	318,303	354,571	396,208	440,090	491,246
TOT PROD	287,752	296,535	314,454	308,092	339,630	378,558	•	469,252	522,713
DISPOSALS	287,188	295,456	292,536	303,500	334,500	372,900	416,600	462,200	514,900
FIRST ACTS	288,316	297,614	336,371	312,684	344,760	384,216	429,264	476,303	530,525
PEND FA	20.2	20.7	21.4	22.5	23.4	23.8	23.6	22.9	21.7
PEND IS/AB	27.6	31.0	31.3	31.3	32.5	33.4	33.8	33.6	32.9
# SPE'S	278	315	364	356	398	439	482	522	559
#PATS PRTD	170,664	176,837	178,913	175,097	200,565	223,016	249,016	276,712	307,973

#2 added assumptions 1,000 Examiner Hiring Levels Trainers for New Hires

Efficiency gain changed from 20% to 5% 5 % Efficiency gain - Outsourcing the Search

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions
Adjusted for Complexity Creep
PGPub Outsourced Savings FY 06/11
PCT Outsourced Savings FY 06/11
1% Application Abandonments from OIPE
GS-12+ Tech Training

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SUMMARY ####################################	FY 2005 07CONG.P12	ACTUAL	DATA				
YEAR	2005	2006	2007	2008	2009	2010	2011
EOY STAFF	4,177	4,150	4,150	4,150	4,150	4,150	4,150
PROF W-Y	3,804	3,918	3,914	3,907	3,888	3,858	3,831
# HIRED	959	414	374	332	290	290	290
# ATTRITED	425	414	374	332	290	290	290
Net Positions	534	0	0	0	0	0	0
OVERTIME(K)	12,225	14,917	15,215	15,506	15,755	15,962	16,183
OT HOURS	278,669	333,039	332,703	332,111	330,499	327,956	325,609
# BOY NEW	508,878	586,580	692,184	826,608	992,203	1,193,091	1,434,039
TOTAL D'TLS	13	20	20	20	20	20	20
AVG. GRADE	12.17	12.03	12.31	12.52	12.69	12.84	12.95
RECEIPTS	384,209	415,330	448,972	485,338	524,651	567,147	613,086
RECEIPTS TO							
BE EXAMINED	384,209	411,177	444,482	480,485	519,404	561,476	606,956
REG PROD	275,008	280,782	285,141	289,835	293,475	295,503	296,504
TOT PROD	288,315	296,686	301,029	305,695	309,258	311,164	312,053
DISPOSALS	•	287,800	292,000	296,500	300,000	301,800	302,700
FIRST ACTS	297,285	305,572	310,058	314,890	318,516	320,527	321,405
PEND FA	21.1	22.0	23.9	26.4	29.2	32.2	35.5
PEND IS/AB	29.1	31.3	32.0	33.9	36.4	39.2	42.2
# SPE'S	294	321	321	321	321	321	321
#PATS PRTD	152104	160,000	166,378	168,848	171,052	172,322	172,965

Examiner Hiring Levels Replacing attrition only 85 Overtime hours/FTE

No Efficiency gains

No PCT Outsourcing

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions Adjusted for Complexity Factor PGPub Outsourced Savings FY 06/11 1% Application Abandonments from OIPE GS-12+ Tech Training

07CONG.P12 Patent Production Model assumptions

Fiscal Year Receipts:			2005	2006	2007	2008	2009	2010	2011	
UPR Filings grow	th @		384,209	415,330	448,972	485,338	524,651	567,147	613,086	
Growth Rates	🕒		.,200	8.1%	8.1%	8.1%	8.1%	8.1%	8.1%	
Less 5% for disco	ntinued	l continu	ation	0	0	0	0	0	0	
UPR Filings				0	0	0	0	0	0	
Less Abandonme			ng initial	4,153	4,490	4,853	5,247	5,671	6,131	
UPR Filings TO	BE Exa	mined		411,177	444,482	480,485	519,404	561,476	606,956	
Examiner Hires:		•	959	414	374	332	290	290	290	
Attrition rate:			10%	10%	9%	8%	7%	7%	7%	
Production Rates:										
Total complexity	factor			-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	
Efficiency Gains				0.0	0.0	0.0	0.0000	0.0000	0.0000	
	FY 04	FY 05 2	?-YR Avg							
	Actual	Actual	of Actual	Produc	ction Units	per examin	er per grad	e per fiscal	year	
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.0	23.9	23.8	
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.5	30.4	30.2	
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.4	46.2	46.0	
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.7	56.4	56.1	
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.7	65.4	65.0	
GS-13	81	79.4	80.2	79.4	78.6	78.2	77.8	77.4	77.0	
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.0	87.5	87.1	
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.2	97.7	97.2	
Patent Cooperat	ion Tre	eaty (PC	T):							
PCT Chapter I Pl	Js redir	ected (p	aralegal)							
Chap I reduction	25%-07	50%-08	3 75%-09/	11						
Chap II reduction	25%-0	8 50%-0	9/11							
Total PCT PU sa	vings		913	1,250	1,250	1,250	1,250	1,250	1,250	
Examiner PCT P	Us		14,234	16,056	17,019	18,040	19,123	20,270	21,486	
Examiner FTE		••	158	179	190	201	213	226	239	
Competitive Sou	_		0	35	37	39	42	44	47	
PGPub FTE redir	ected to	o examii								
Overtime:			86	85	85	85	85	85	85	
Overtime hours p	er exar	niner FT	E							
Examiner FTE lo	st/take	en out o			ps:					
Part-time			44	44	44	44	44	44	44	
Quality initiative			12	5	5	6	17	28	34	
New Hire traine	ers		5	15	15	15	15	15	15	
CLE Training			8.	29	34	38	43	48	53	
Exmr Tech Trng 8 hrs	>=GS12		7	6	6	6	7	10	12	
Allowance Rate			58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%	

SUMMARY ####################################	FY 2005 07CONG.P9	ACTUAL 06 Pres Budget	DATA					
YEAR	2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF	4,177	4,723	4,705	5,235	5,710	6,251	6,757	7,232
PROF W-Y	3,804	4,149	4,200	4,749	5,292	5,853	6,356	6,831
# HIRED	959	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	425	337	427	430	436	418	455	488
Net Positions	534	563	573	570	564	582	545	512
OUEDTIME								
OVERTIME(K)	12,225	20,000	18,227	21,559	20,959	23,669	26,247	28,805
OT HOURS	278,669	414,765	377,999	427,410	448,906	496,514	539,283	579,569
# BOY NEW	508,878	594,753	586,580	681,049	779,305	875,698	968,244	1,057,144
TOTAL D'TLS	13	25	28	29	20	20	20	20
AVG. GRADE	12.17	11.65	11.69	11.55	11.59	11.67	11.75	11.85
RECEIPTS	384,209	395,709	415,330	448,972	485,338	524,651	567,147	613,086
RECEIPTS TO								
BE EXAMINED	384,209	395,709	411,177	444,482	480,485	519,404	EC4 470	000.050
REG PROD	275,008	293,432	292,755	322,232	351,459	390,668	561,476	606,956
TOT PROD	288,315	314,454	311,913	343,894	372,896	414,379	432,985	481,742
DISPOSALS	279,345	292,536	307,234	338,736	361,700	401,900	458,738 444,900	509,419
FIRST ACTS	297,285	336,371	316,591	349,052	384,092	426,858	,	494,100
	201,200	000,077	010,001	040,002	304,032	420,030	472,576	524,737
PEND FA	21.1	21.4	22.0	23.0	23.7	23.9	24.1	24.0
PEND IS/AB	29.1	31.3	31.3	32.0	33.0	33.7	33.9	34.1
# SPE'S	294	364	362	402	440	481	520	557
#PATS PRTD	152104	178,913	160,000	181,200	196,300	218,500	244,000	270,500

#2 added assumptions 1,000 Examiner Hiring Levels Trainers for New Hires

Efficiency gain from Outsourcing the Search

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions Adjusted for Complexity Factor PGPub Outsourced Savings FY 06/11 PCT Outsourced Savings FY 06/11 1% Application Abandonments from OIPE GS-12+ Tech Training

07CONG.P9 Patent Production Model assumptions

Fiscal Year Receipts:			2005	2006	2007	2008	2009	2010	2011
UPR Filings growth	n @		384,209	415,330	448,972	485,338	524,651	567,147	612 006
Growth Rate	1 @		304,203	8.1%	8.1%	8.1%	8.1%	8.1%	613,086 8.1%
Less 5% for discon	tinued	continu	ation	0.170	0.770	0.170	0.170	0.170	0.178
UPR Filings			a	0	0	0	0	0	0
J									J
Less Abandonmen	t Rate	1% duri	ng initial _	4,153	4,490	4,853	5,247	5,671	6,131
UPR Filings TO B	E Exa	mined	_	411,177	444,482	480,485	519,404	561,476	606,956
Examiner Hires:			959	1,000	1,000	1,000	1,000	1,000	1,000
Attrition rate:			10%	10%	9%	-	7%	7%	7%
					- / -			, , ,	. 70
Production Rates	:								•
Total complexity fa	actor			-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%
Efficiency Gains				0.0	0.0	0.0	0.0031	0.0156	0.0281
			-YR Avg						V
			of Actual			per examin		-	year
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.1	24.3	24.9
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.6	30.9	31.6
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.6	47.1	48.1
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.9	57.5	58.8
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.9	66.6	68.1
GS-13	81	79.4	80.2	79.4	78.6	78.2	78.1	78.9	80.7
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.2	89.2	91.2
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.5	99.5	101.8
Patent Cooperation	on Tre	atv (PC	T):						
PCT Chapter I PUs									
Chap I reduction 2				1					
Chap II reduction 2									
Total PCT PU savi			913	1,250	3,255	8,020	13,342	14,202	15,114
Examiner PCT PU	S		14,234	14,806	13,764	10,020	5,781	6,068	6,372
Examiner FTE			158	165	153	112	. 64	68	71
Competitive Sour			0	35	37	39	42	44	47
PGPub FTE redire	cted to	examir							
Overtime:			86	85	85	85	85	85	85
Overtime hours pe	r exan	niner FT	E	-					•
Examiner FTE los	t/take	n out of	f the exan	nining corp	os:				
Part-time			44	44	44	44	44	44	44
Quality initiatives			12	5	5	6	17	28	34
New Hire trainers	S		5	15	15	15	15	15	15
CLE Training			8	29	34	38	43	48	53
Exmr Tech Trng 8 hrs >=	GS12		7	6	6	6	7	10	12
Allowance Rate			58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%

SUMMARY ############	FY 2005 07CONG.P10	ACTUAL 06 Pres Budget	DATA					
YEAR	2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF	4,177	4,723	4,670	5,187	5,710	6,251	6,757	7,232
PROF W-Y	3,804	4,149	4,212	4,737	5,292	5,853	6,356	6,831
# HIRED	959	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	425	337	442	443	436	418	455	488
Net Positions	534	563	558	557	564	582	545	512
OVERTIME(K)	12.225	20.000	40.000	40.070	00.050			
OT HOURS	12,225 278,669	20,000	16,006	18,379	20,959	23,669	26,247	28,805
# BOY NEW	508,878	414,765	357,350	401,896	448,906	496,514	539,283	579,569
TOTAL D'TLS	300,676	594,753	586,580	663,133	722,396	776,241	822,231	860,311
AVG GRADE	12.17	25 11.65	20	20	20	20	20	20
AVO. ONADE	12.17	11.00	11.69	11.56	11.59	11.67	11.75	11.85
RECEIPTS	384,209	395,709	415,330	448,972	485,338	524,651	567,147	613,086
RECEIPTS TO								
BE EXAMINED	384,209	395,709	400,793	422,033	456,218	493,172	533,119	576,301
REG PROD	275,008	293,432	297,755	333,043	369,300	410,430	454,866	506,263
TOT PROD	288,315	314,454	314,820	352,235	390,737	434,141	480,619	533,940
DISPOSALS	279,345	292,536	305,400	341,700	379,100	421,100	466,200	517,900
FIRST ACTS	297,285	336,371	324,240	362,770	402,373	447,182	495,038	549,980
PEND FA	21.1	21.4	21.4	22.1	22.0	21.5	20.9	20.0
PEND IS/AB	29.1	31.3	31.3	31.4	32.1	32.0	31.5	30.9
# SPE'S	294	364	359	399	440	481	520	557
#PATS PRTD	152104	178,913	160,000	190,240	211,478	234,834	260,184	288,810

#2 added assumptions 1,000 Examiner Hiring Levels Trainers for New Hires

Efficiency gain from Outsourcing the Search

Claims reduction - 2.5% in FY 06 / 5% in FY 07/11 Reduction in filings from Continuation Limitation 2.5% in FY 06 / 2.5% in FY 07 (5% Total) FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions Adjusted for Complexity Factor PGPub Outsourced Savings FY 06/11 PCT Outsourced Savings FY 06/11 1% Application Abandonments from OIPE GS-12+ Tech Training

07CONG.P10 Patent Production Model assumptions

Fiscal Year Receipts:			2005	2006	2007	2008	2009	2010	2011
UPR Filings grov	wth @		384,209	415,330	448,972	485,338	524,651	567,147	613,086
Growth Rate	<u>@</u>		304,203	8.1%	8.1%	8.1%	8.1%	8.1%	8.1%
Less 5% for disc	ontinued	continua	ation	10,383	22,449	24,267	26,233	28,357	30,654
UPR Filings				404,947	426,523	461,071	498,418	538,790	582,432
J				, , , , , , ,	,20,020	101,077	100,110	000,700	302,432
Less Abandonm			ng initial	4,153	4,490	4,853	5,247	5,671	6,131
UPR Filings TO	•	400,793	422,033	456,218	493,172	533,119	576,301		
Examiner Hires	.•		959	4 000	4 000	4.000	4.000	4.000	4.000
Attrition rate:	·•		10%	1,000 10%	1,000 9%	1,000 8%	1,000	1,000	1,000
Attition rate: 10%				10%	970	0%	7%	7%	7%
Production Rat	es:								
Total complexity	factor			-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%
Efficiency Gain				2.500%	5.000%	5.000%	5.313%	6.563%	7.813%
-	FY 04	FY 05 2	-YR Avg					5,555,5	
			of Actual	Produc	ction Units	per examin	er per grad	e per fiscal	vear
GS-5	25.4	24.1	24.75	25.1	25.5	25.4	25.3	25.6	26.2
GS-7	31.5	31.4	31.45	31.9	32.4	32.2	32.2	32.5	33.2
GS-9	50.4	45.3	47.85	48.6	49.3	49.0	48.9	49.4	50.6
GS-11	62.7	54.2	58.45	59.3	60.2	59.9	59.8	60.4	61.8
GS-12	68.3	67.1	67.7	68.7	69.7	69.4	69.2	70.0	71.6
GS-13	81	79.4	80.2	81.4	82.6	82.2	82.0	82.9	84.8
GS-14	91.5	89.8	90.65	92.0	93.3	92.9	92.7	93.7	95.8
GS-15	103.1	99.3	101.2	102.7	104,2	103.7	103.5	104.6	107.0
Patent Coopera	ition Tro	aty (DC)	r\.						
PCT Chapter I P									
Chap I reduction				14					
Chap II reduction				! 					
Total PCT PU sa		3076-08	913	1,250	3,255	8,020	13,342	14,202	15,114
	go		0.0	7,200	0,200	0,020	13,342	14,202	15,114
Examiner PCT F	PUs		14,234	14,806	13,764	10,020	5,781	6,068	6,372
Examiner FT	Ξ		158	165	153	112	64	68	71
Competitive So	urcina		0	35	37	39	42	44	47
PGPub FTE red		evamin		33	31		42	44	47
Overtime:	ii colog lo	CAAIIIII	86	85	85	85	85	οr	O <i>E</i>
Overtime hours	ner eyam	niner ETF		03	03	00	03	85	85
	per exum	inici i it	-						
Examiner FTE I	ost/take	n out of	the exan	nining corp	os:				
Part-time			44	. 44	44	44	44	44	44
Quality initiativ	/es		12	5	5	6	17	28	34
New Hire train	ers		5	15	15	15	15	15	15
CLE Training			8	29	34	38	43	48	53
Exmr Tech Trng 8 hrs	>=GS12		7	6	6	6	7	10	12
Allowance Rate	:		58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%

SUMMARY FY ######### 070		ACTUAL 06 Pres Budget	DATA						
YEAR	2005		2006	2007	2008	2009	2010	2011	
EOY STAFF	4,177	4,723	4,670	5,187	5,710	6,251	6,757	7,232	
PROF W-Y	3,804	4,149	4,212	4,737	5,292	5,853	6,356	6,831	
# HIRED	959	900	1,000	1,000	1,000	1,000	1,000	1,000	
# ATTRITED	425		442	443	436	418	455	488	
Net Positions	534	563	558	557	564	582	545	512	
OVERTIME(K)	12,225	20,000	16,006	18,379	20,959	23,669	26,247	28,805	
OT HOURS	278,669	414,765	357,350		448,906	496,514	•	579,569	
# BOY NEW	508,878	594,753	586,580	663,133	581,073	521,492	444,366	356,147	259,77 1
TOTAL D'TLS	13	25	20	20	. 20	20	20	20	
AVG. GRADE	12.17	11.65	11.69	11.56	11.59	11.67	11.75	11.85	
RECEIPTS	384,209	395,709	404,947	381,626	412,538	445,953	482,075	521,123	
RECEIPTS TO									
BE EXAMINED	384,209	395,709	400,793	339,423	407,684	440,707	476,404	514,993	
REG PROD		293,432		389,999	432,196	479,055	522,459	565,907	
TOT PROD	288,315	314,454	314,820	409,191	453,633	502,766	548,212	593,584	
DISPOSALS		292,536		396,900	440,000	487,700	531,800	575,800	
FIRST ACTS		336,371		421,483	467,266	517,832	•	611,369	
FA Monthly Output			27020	35124	38939	43153	47052	50947	
PEND FA	21.1	21.4	21.4	20.1	16.8	14.6	11.2	8.0	
PEND FA calculate	,	•	24.5	16.5	13.4	10.3	7.6	5.1	
PEND IS/AB	29.1	31.3	31.3	31.4	30.1	26.8	24.6	21.2	
PEND IS/AB calcul	•	•			26.5	23.4	20.3	17.6	
# SPE'S	294	364	359	399	440	481	520	557	
#PATS PRTD	152104	178,913	160,000	213,969	245,493	272,109	297,838	323,012	

#2 added assumptions
1,000 Examiner Hiring Levels
Trainers for New Hires
10% Dropout in FY 07
Efficiency gain from Outsourcing the Search
Patentability Reports 20% FY 07/11
Claims reduction - 2.5% in FY 06 / 5% in FY 07/11
Reduction in filings from Continuation Limitation 2.5% in FY 06 / 2.5% in FY 07 (5% Total)
FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions Adjusted for Complexity Factor PGPub Outsourced Savings FY 06/11 PCT Outsourced Savings FY 06/11 1% Application Abandonments from OIPE GS-12+ Tech Training

07CONG.P11 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011
Receipts:	204 200	445 220	440.070	405 220		F07 4 47	040.000
UPR Filings growth @ Growth Rate	384,209	415,330	448,972	485,338	524,651	567,147	613,086
Less 15% for discontinue	8.0%	8.1%	8.1%	8.1%	8.1%	8.1%	8.1%
UPR Filings	u continuation	10,383	67,346	72,801	78,698	85,072	91,963
OFK Fillings	•	404,947	381,626	412,538	445,953	482,075	521,123
Less Abandonment Rate	1% during initial	4,153	4,490	4,853	5,247	5,671	6,131
UPR Filings TO BE Exa	mined	400,793	377,136	407,684	440,707	476,404	514,993
10% Dropout			339,423				
Examiner Hires:	959	1,000	1,000	1,000	1,000	1,000	1,000
Attrition rate:	10%	10%	9%	8%	7%	7%	7%
Production Rates:							
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%
Efficiency Gains		2.500%	20.000%	20.000%	20.000%	20.000%	20.000%
•	FY 05 2-YR Avg	2.50070	20.00070	20.00070	20.00070	20.00070	20.000 /6
	Actual of Actual	Produ	ction Units	per examin	er ner orac	le ner fiscal	vear
GS-5 25.4	24.1 24.75	25.1	29.8	29.7	29.5	29.4	29.2
GS-7 31.5	31.4 31.45	31.9	37.9	37.7	37.5	37.3	37.2
GS-9 50.4	45.3 47.85	48.6	57.7	57.4	57.1	56.8	56.5
GS-11 62.7	54.2 58.45	59.3	70.5	70.1	69.8	69.4	69.1
GS-12 68.3	67.1 67.7	68.7	81.6	81.2	80.8	80.4	80.0
GS-13 81	79.4 80.2	81.4	96.7	96.2	95.7	95.2	94.8
GS-14 91.5	89.8 90.65	92.0	109.3	108.7	108.2	107.6	107.1
GS-15 103.1	99.3 101.2	102.7	122.0	121.4	120.8	120.2	119.6
Patent Cooperation Tre PCT Chapter I PUs redire Chap I reduction 25%-07 Chap II reduction 25%-08	ected (paralegal) 50%-08 75%-09/	11					
Total PCT PU savings	913	1,250	3,255	8,020	13,342	14,202	15,114
Examiner PCT PUs	14,234	14,806	13,764	10,020	5,781	6,068	6,372
Examiner FTE	158	165	· 153		. 64	68	71
Competitive Sourcing:	0	35	37	39	42	44	47
PGPub FTE redirected to	examination				.~	, , ,	• • •
Overtime:	86	85	85	85	85	85	85
Overtime hours per exam	niner FTE						
Examiner FTE lost/take		_	_				
Part-time	44	44	44	44	44	44	44
Quality initiatives	12	5	5	6	17	28	34
New Hire trainers	5	15	15	15	15	15	15
CLE Training	8	29	34	38	43	48	53
Exmr Tech Trng 8 hrs >=GS12	7	6	6	6	7	10	12
Allowance Rate	58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%

\$1.3 \$4,279* being revalidated Page 32 of 42 Case 1:07-cv-00846-JCC-TRJ Filed 12/27/2007 December 13, 2005 FY 2006 Target %0.66 414,700 26,900 10.0% 311,900 4.0% 86.0% 22.0 31.3 8.0% 6.3% FY 2005 Target vs Results Variance +2.4% -15.0% - 45.0% +7.4% +0.9% +6.1% +5.9% +2.4% +0.8% -2.8% 10/1/04 – 6/12/05: 5.2% 6/13/05 – 9/30/05: 4.0% Overall: 4.6%(±0.5%) FY 2005 Results 8.1% over FY '04 7.1% over FY '04 384,228 (Final) 25,304 288,310 86.0% %2'96 \$3,877 2.2% 21.1 29.1 FY 2005 Target 375,100 84.0% \$4,122 25,111 296,500 4.0% %0.06 4.0% 21.3 31.0 Average First Action Pendency from date of filing to Design increase from the prior year/increase above FY plan UPR increase from the prior year/increase above examination and processing of patents (including Average cost of a Patent disposal: calculated by associated overhead and support expenses) by dividing total USPTO expenses associated with Utility, Plant, Reissue (UPR) application filings In-Process Reviews (IPR) - Compliance Rate Average Total Pendency from date of filing to End process reviews - Allowance Error rate Patent Applications Managed Electronically PATENTS PERFORMANCE MEASURE Patent Applications Filed Electronically mailing first Office action in months PATENT APPLICATION FILINGS Production Units (UPR) **EXAMINER PRODUCTION** issuance or abandonment outputs (production units) Design application filings **EFFICIENCY** PENDENCY QUALITY FY plan E-GOV

1,000

+11.5%

959

860

Patent Examiner Hires (UPR)

Design

20

6

20

-2%

SUMMARY ####################################		ACTUAL !	DATA				
YEAR	2005	2006	2007	2008	2009	2010	2011
EOY STAFF	4,177	4,150	4,150	4,150	4,150	4,150	4,150
PROF W-Y	3,804	3,918	3,914	3,907	3,888	3,858	3,831
# HIRED	959	414	374	332	290	290	290
# ATTRITED	425	414	374	332	290	290	290
Net Positions	534	0	0	0	0	0	0
OVERTIME(K)	12,225	14,917	15,215	15,506	15,755	15,962	16,183
OT HOURS	278,669	333,039	332,703	332,111	330,499	327,956	325,609
# BOY NEW	508,878	586,580	,	826,608	992,203	1,193,091	1,434,039
TOTAL D'TLS	13	20	20	20	20	20	20
AVG. GRADE	12.17	12.03	12.31	12.52	12.69	12.84	12.95
RECEIPTS	384,209	415,330	448,972	485,338	524,651	567,147	613,086
RECEIPTS TO							
BE EXAMINED	384,209	411,177	444,482	480,485	519,404	561,476	606,956
REG PROD	275,008	280,782	285,141	289,835	293,475	295,503	296,504
TOT PROD	288,315	296,686	301,029	305,695	309,258	311,164	312,053
DISPOSALS	279,345	287,800	292,000	296,500	300,000	301,800	302,700
FIRST ACTS	297,285	305,572	310,058	314,890	318,516	320,527	321,405
PEND FA	21.1	22.0	23.9	26.4	29.2	32.2	35.5
PEND IS/AB	29.1	31.3	32.0	33.9	36.4	39.2	42.2
# SPE'S	294	321	321	321	321	321	321
#PATS PRTD	152104	160,000	166,378	168,848	171,052	172,322	172,965

Examiner Hiring Levels Replacing attrition only 85 Overtime hours/FTE

No Efficiency gains

No PCT Outsourcing

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions Adjusted for Complexity Factor PGPub Outsourced Savings FY 06/11 1% Application Abandonments from OIPE GS-12+ Tech Training

07CONG.P12 Patent Production Model assumptions

Fiscal Year			2005	2006	2007	2008	2009	2010	2011
Receipts: UPR Filings grow	dh ⊘		384,209	415,330	449.072	40E 220	E04 CE4	FC7 4 47	040.000
Growth Rates	in w		304,209	8.1%	448,972 8.1%	485,338 8.1%	524,651 8.1%	567,147 8.1%	613,086
Less 5% for disco	ontinued	d continu	ation	0.170	0.170	0.170	0.176	0.178	8.1%
UPR Filings			iation	0	0	0	0	0	0 0
				Ŭ	v	· ·	U	U	U
Less Abandonme			ing initial _	4,153	4,490	4,853	5,247	5,671	6,131
UPR Filings TO	BE Exa	amined	_	411,177	444,482	480,485	519,404	561,476	606,956
Examiner Hires:			959	414	374	332	290	290	290
Attrition rate:			10%	10%	9%		7%	290 7%	290 7%
			1070	0,0	070	1 70	1 /0	1 /0	
Production Rate	es:								
Total complexity	factor			-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%
Efficiency Gains	3			0.0	0.0	0.0	0.0000	0.0000	0.0000
	FY 04	FY 05 2	2-YR Avg					•	
	Actual	Actual	of Actual	Produc	ction Units _I	per examin	er per grad	e per fiscal	year
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.0	23.9	23.8
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.5	30.4	30.2
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.4	46.2	46.0
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.7	56.4	56.1
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.7	65.4	65.0
GS-13	81	79.4	80.2	79.4	78.6	78.2	77.8	77.4	77.0
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.0	87.5	87.1
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.2	97.7	97.2
Patent Cooperat	ion Tre	eaty (PC	T)-						
PCT Chapter I Pt									
Chap I reduction				1					
Chap II reduction				•					
Total PCT PU sa		0 00 70 0	913	1,250	1,250	1,250	1,250	1,250	1,250
Examiner PCT P	l le		14,234	16.056	17.010	10.040	40.400	00.070	04.400
Examiner FTE			14,234	16,056 179	17,019	18,040	19,123	20,270	21,486
Examiner) 1E			130	179	190	201	213	226	239
Competitive Sou	ırcing:		0	35	37	39	42	44	47
PGPub FTE redir	ected to	o examir	nation						
Overtime:			86	85	85	85	85	85	85
Overtime hours p	er exan	niner FT	E						
Examiner FTE Io	st/taka	n out of	f tha avam	ining com	ve.				
Part-time	Sirianc	iii Out O	44	mmig τοιμ 44		4.4		4.4	4.4
Quality initiative	26		12	44 5	44 5	44 6	44 17	44	44
New Hire traine			5	5 15	5 15		17 15	28	34
CLE Training	13		5 8	15 29		15	15	15	15
Exmr Tech Trng 8 hrs >	-C912		7	29 6	34 6	38	43	48	53.
Cam rech ring o nrs >	-6312		1		O	6	7	10	12
Allowance Rate			58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%

SUMMARY ####################################	FY 2005 07CONG.P9	ACTUAL 06 Pres Budget	DATA					
YEAR	2005		2006	2007	2008	2009	2010	2011
EOY STAFF	4,177	4,723	4,705	5,235	5,710	6,251	6,757	7,232
PROF W-Y	3,804	4,149	4,200	4,749	5,292	5,853	6,356	6,831
# HIRED	959	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	425	337	427	430	436	418	455	488
Net Positions	534	563	573	570	564	582	545	512
0) 155								
OVERTIME(K)	12,225	20,000	18,227	21,559	20,959	23,669	26,247	28,805
OT HOURS	278,669	,	377,999	427,410	448,906	496,514	539,283	579,569
# BOY NEW	508,878	,	586,580	681,049	779,305	875,698	968,244	1,057,144
TOTAL D'TLS	13	25	28	29	20	20	20	20
AVG. GRADE	12.17	11.65	11.69	11.55	11.59	11.67	11.75	11.85
RECEIPTS	384,209	395,709	415,330	448,972	485,338	524,651	567,147	613,086
RECEIPTS TO								
BE EXAMINED	384,209	395,709	411,177	444,482	480,485	519,404	EC4 470	600.050
REG PROD	275,008	293,432	292,755	322,232	351,459	390,668	561,476	606,956
TOT PROD	288,315	314,454	311,913	343,894	372,896	414,379	432,985 458,738	481,742
DISPOSALS	279,345	292,536	307,234	338,736	361,700	401,900	436,738	509,419
FIRST ACTS	297,285	336,371	316,591	349,052	384,092	426,858	472,576	494,100
	,	000,077	0.10,00.1	010,002	304,032	420,030	412,310	524,737
PEND FA	21.1	21.4	22.0	23.0	23.7	23.9	24.1	24.0
PEND IS/AB	29.1	31.3	31.3	32.0	33.0	33.7	33.9	34.1
# SPE'S	294	364	362	402	440	481	520	557
#PATS PRTD	152104	178,913	160,000	181,200	196,300	218,500	244,000	270,500

#2 added assumptions 1,000 Examiner Hiring Levels Trainers for New Hires

Efficiency gain from Outsourcing the Search

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions Adjusted for Complexity Factor PGPub Outsourced Savings FY 06/11 PCT Outsourced Savings FY 06/11 1% Application Abandonments from OIPE GS-12+ Tech Training

07CONG.P9 Patent Production Model assumptions

Fiscal Year			2005	2006	2007	2008	2009	2010	2011
Receipts: UPR Filings growth	. <i>(</i> 1)		384,209	41E 220	449.072	40E 220	E04 054	507.447	242.222
Growth Rate	r w		304,209	415,330 8.1%	448,972 8.1%	485,338 8.1%	524,651 8.1%	567,147	613,086
Less 5% for discon	tinued	l continu	ation	0.178	0.178	0.176	0.1%	8.1% 0	8.1%
UPR Filings		· oomma	ation .	0	0	0	0.	0	0
3 -				· ·	Ū	U	U	U	0
Less Abandonment	t Rate	1% duri	ng initial _	4,153	4,490	4,853	5,247	5,671	6,131
UPR Filings TO BE Examined				411,177	444,482	480,485	519,404	561,476	606,956
Examiner Hires:			959	1;000	1,000	1,000	1,000	1,000	1 000
Attrition rate:			10%	10%	9%	8%	7%	7%	1,000
			7070	1070	370	0 70	1 /0	1 70	7%
Production Rates:	:								
Total complexity fa	ctor			-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%
Efficiency Gains				0.0	0.0	0.0	0.0031	0.0156	0.0281
F	Y 04	FY 05 2	-YR Avg						
	ctual	Actual	of Actual	Produc	ction Units _I	per examin	er per grad	e per fiscal	year
GS-5	25.4	24.1	24.75	24.5	24.3	.24.1	24.1	24.3	24.9
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.6	30.9	31.6
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.6	47.1	48.1
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.9	57.5	58.8
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.9	66.6	. 68.1
GS-13	81	79.4	80.2	79.4	78.6	78.2	78.1	78.9	80.7
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.2	89.2	91.2
GS-15 1	103.1	99.3	101.2	100.2	99.2	98.7	98.5	99.5	101.8
Patent Cooperatio	n Tre	atv (PC	Г):						
PCT Chapter I PUs	redire	ected (pa	ralegal)		,				
Chap I reduction 25				1					
Chap II reduction 2	5%-08	3 50%-09	9/11						
Total PCT PU savir			913	1,250	3,255	8,020	13,342	14,202	15,114
Examiner PCT PUs	>		14,234	14,806	13,764	10,020	5,781	6,068	6,372
Examiner FTE			158	165	153		64	68	71
Competitive Source			0	35	37	39	42	44	47
PGPub FTE redired	cted to	examin							
Overtime:			- 86	85	85	85	. 85	85	85
Overtime hours per	exam	iner F I E	=						
Examiner FTE lost	t/take	n out of	the exam	inina corp	os:				
Part-time			44	44	44	44	44	44	44
Quality initiatives			12	5	5	6	17	28	34
New Hire trainers			5	15	15	15	15	15	15
CLE Training			8	29	34	38	43	48	53 .
Exmr Tech Trng 8 hrs >= G	SS12		7	6	6	6	7	10	12
Allowance Rate			58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%

SUMMARY ############	FY 2005 07CONG.P10	ACTUAL 06 Pres Budget	DATA					
YEAR	2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF	4,177	4,723	4,670	5,187	5,710	6,251	6,757	7,232
PROF W-Y	3,804	4,149	4,212	4,737	5,292	5,853	6,356	6,831
# HIRED	959	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	425	337	442	443	436	418	455	488
Net Positions	534	563	558	557	564	582	545	512
OVERTIME(K)	12,225	20,000	16,006	18,379	20,959	23,669	26,247	28,805
OT HOURS	278,669	414,765	357,350	401,896	448,906	496,514	539,283	579,569
# BOY NEW	508,878	594,753	586,580	663,133	722,396	776,241	822,231	860,311
TOTAL D'TLS	13	. 25	20	20	20	20	20	20
AVG. GRADE	12.17	11.65	11.69	11.56	11.59	11.67	11.75	11.85
RECEIPTS	384,209	395,709	415,330	448,972	485,338	524,651	567,147	613,086
RECEIPTS TO								
BE EXAMINED	384,209	395,709	400,793	422,033	456,218	493,172	533,119	576,301
REG PROD	275,008	293,432	297,755	333,043	369,300	410,430	454,866	506,263
TOT PROD	288,315	314,454	314,820	352,235	390,737	434,141	480,619	533,940
DISPOSALS	279,345	292,536	305,400	341,700	379,100	421,100	466,200	517,900
FIRST ACTS	297,285	336,371	324,240	362,770	402,373	447,182	495,038	549,980
PEND FA	21.1	21.4	21.4	22.1	22.0	21.5	20.9	20.0
PEND IS/AB	29.1	31.3	31.3	31.4	32.1	32.0	31.5	30.9
# SPE'S	294	364	359	399	440	481	520	557
#PATS PRTD	152104	178,913	160,000	190,240	211,478	234,834	260,184	288,810

#2 added assumptions 1,000 Examiner Hiring Levels Trainers for New Hires

Efficiency gain from Outsourcing the Search

Claims reduction - 2.5% in FY 06 / 5% in FY 07/11
Reduction in filings from Continuation Limitation 2.5% in FY 06 / 2.5% in FY 07 (5% Total)
FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions Adjusted for Complexity Factor PGPub Outsourced Savings FY 06/11 PCT Outsourced Savings FY 06/11 1% Application Abandonments from OIPE GS-12+ Tech Training

07CONG.P10 Patent Production Model assumptions

Fiscal Year Receipts:			2005	2006	2007	2008	2009	2010	2011
UPR Filings grow Growth Rate	/th @		384,209	415,330 8.1%	448,972 8.1%	485,338 8.1%	524,651 8.1%	567,147 8.1%	613,086 8.1%
Less 5% for disco	ntinued	continue	ation	10,383	22,449	24,267	26,233	28,357	30,654
UPR Filings	munucu	COMMING	ation	404,947	426,523	461,071	498,418	538,790	-
or K i illigs				404,341	420,323	401,071	430,410	330,790	582,432
Less Abandonme			ng initial	4,153	4,490	4,853	5,247	5,671	6,131
UPR Filings TO	BE Exa	mined		400,793	422,033	456,218	493,172	533,119	576,301
Examiner Hires: Attrition rate:			959 10%	1,000 10%	1,000 9%	1,000 8%	1,000 7%	1,000 7%	1,000 7%
minimum rate.			1070	1070	3 70	070	. 70	1 70	1 70
Production Rate	es:								
Total complexity	factor			-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%
Efficiency Gains	S			2,500%	5.000%	5.000%	5.313%	6.563%	7.813%
•	FY 04	FY 052	-YR Avg						
	Actual	Actual	of Actual	Produc	ction Units	per examin	er per grad	e per fiscal	year
GS-5	25.4	24.1	24.75	25.1	25.5	25.4	25.3	25.6	26.2
GS-7	31.5	31.4	31.45	31.9	32.4	32.2	32.2	32.5	33.2
GS-9	50.4	45.3	47.85	48.6	49.3	49.0	48.9	49.4	50.6
GS-11	62.7	54.2	58.45	59.3	60.2	59.9	59.8	60.4	61.8
GS-12	68.3	67.1	67.7	68.7	69.7	69.4	69.2	70.0	71.6
GS-13	81	79.4	80.2	81.4	82.6	82.2	82.0	82.9	84.8
GS-14	91.5	89.8	90.65	92.0	93.3	92.9	92.7	93.7	95.8
GS-15	103.1	99.3	101.2	102.7	104.2	103.7	103.5	104.6	107.0
Patent Coopera	tion Tre	atv (PC	T):						
PCT Chapter I P			,						
Chap I reduction			· ,	11					
Chap II reduction									
Total PCT PU sa			913	1,250	3,255	8,020	13,342	14,202	15,114
Examiner PCT P	'Us		14,234	14,806	13,764	10,020	5,781	6,068	6,372
Examiner FTE	:		158	165	153	112	64	68	71
Communitation Co			•	25	27				
Competitive So	-		0	35	37	39	42	44	47
PGPub FTE redi	rectea to	o examin		0.5					
Overtime:			86	85	85	85	85	85	85
Overtime hours p	per exan	niner F I	E						
Examiner FTE I	ost/take	n out of	the exan	nining cor _l	ps:				
Part-time			44	. 44	44	44	44	44	44
Quality initiativ			12	5	5	6	17	28	34
New Hire train	ers		5	15	15	15	15	15	15
CLE Training			8	29	34	38	43	48	53
Exmr Tech Trng 8 hrs	>=GS12		7	6	6	6	7	10	12
Allowance Rate			58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%

SUMMARY FY 2 ########## 07C		ACTUAL 06 Pres Budget	DATA						·
YEAR	2005	2006	2006	2007	2008	2009	2010	2011	
EOY STAFF	4,177	4,723	4,670	5,187	5,710	6,251	6,757	7,232	
PROF W-Y	3,804	4,149	4,212	4,737	5,292	5,853	6,356	6,831	
# HIRED	959	900	1,000	1,000	1,000	1,000	1,000	1,000	
# ATTRITED	425	337	442	443	436	418	455	488	
Net Positions	534	563	558	557	564	582	545	512	
OVERTIME(K)	12,225	20,000	16,006	18,379	20,959	23,669	26,247	28,805	
OT HOURS	278,669	414,765	357,350	401,896	448,906	496,514	539,283	579,569	
# BOY NEW	508,878	594,753	586,580	663,133	581,073	521,492	444,366	356,147	259,771
TOTAL D'TLS	13	25	20	20	. 20	20	20	20	
AVG. GRADE	12.17	11.65	11.69	11.56	11.59	11.67	11.75	11.85	
RECEIPTS	384,209	395,709	404,947	381,626	412,538	445,953	482,075	521,123	
RECEIPTS TO									
BE EXAMINED	384,209	395,709	400,793	339,423	407,684	440,707	476,404	514,993	
REG PROD	275,008	293,432	297,755	389,999	432,196	479,055	522,459	565,907	
TOT PROD	288,315	314,454	314,820	409,191	453,633	502,766	548,212	593,584	
DISPOSALS		292,536	305,400	396,900	440,000	487,700	531,800	575,800	
FIRST ACTS	297,285	336,371	324,240	421,483	467,266	517,832	564,624	611,369	
FA Monthly Output			27020	35124	38939	43153	47052	50947	
PEND FA	21.1	21.4	21.4	20.1	16.8	14.6	11.2	8.0	
PEND FA calculated	by FA Out	put	24.5	16.5	13.4	10.3	7.6	5.1	
PEND IS/AB	29.1	31.3	31.3	31.4	30.1	26.8	24.6	21.2	
PEND IS/AB calcula	•	•			26.5	23.4	20.3	17.6	
# SPE'S	294	364	359	399	440	481	520	557	
#PATS PRTD	152104	178,913	160,000	213,969	245,493	272,109	297,838	323,012	

#2 added assumptions
1,000 Examiner Hiring Levels
Trainers for New Hires
10% Dropout in FY 07
Efficiency gain from Outsourcing the Search
Patentability Reports 20% FY 07/11
Claims reduction - 2.5% in FY 06 / 5% in FY 07/11
Reduction in filings from Continuation Limitation 2.5% in FY 06 / 2.5% in FY 07 (5% Total)
FY 06/11 Attrition rate 10%/9%/8%/7%/7%/

Plus #1 BASE Assumptions Adjusted for Complexity Factor PGPub Outsourced Savings FY 06/11 PCT Outsourced Savings FY 06/11 1% Application Abandonments from OIPE GS-12+ Tech Training

07CONG.P11 Patent Production Model assumptions

Fiscal Year Receipts:			2005	2006	2007	2008	2009	2010	2011		
UPR Filings grow	dh ⊘		384,209	415,330	449.072	40E 220	E04 CE4	507 447	040.000		
Growth Rate	riii W		8.0%	8.1%	448,972 8.1%	485,338 8.1%	524,651 8.1%	567,147	613,086		
Less 15% for disc	continue	d contin		10,383	67,346	72,801	78,698	8.1%	8.1%		
UPR Filings	commuc	u contin	aation	404,947	381,626	412,538		85,072	91,963		
o. K. milgo				404,347	301,020	412,550	445,953	482,075	521,123		
Less Abandonme	ent Rate	1% duri	ng initial	4,153	4,490	4,853	5,247	5,671	6,131		
UPR Filings TO			-	400,793	377,136	407,684	440,707	476,404	514,993		
10% Dropout				700,700	339,423	407,004	440,707	470,404	314,993		
Examiner Hires:	:		959	1,000	1,000	1,000	1,000	1,000	1,000		
Attrition rate:			10%	10%	9%	•	7%	7%	7%		
					J , J	0,0	1 /0	7 70	1 /0		
Production Rate	es:										
Total complexity	factor			-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%		
Efficiency Gains	5			2.500%	20.000%	20.000%	20.000%	20.000%	20.000%		
	FY 04	FY 05 2	-YR Avg								
	Actual	Actual	of Actual	Produ	Production Units per examiner per grade per fiscal						
GS-5	25.4	24.1	24.75	25.1	29.8	29.7	29.5	29.4	29.2		
GS-7	31.5	31.4	31.45	31.9	37.9	37.7	37.5	37.3	37.2		
GS-9	50.4	45.3	47.85	48.6	57.7	57.4	57.1	56.8	56.5		
GS-11	62.7	54.2	58.45	59.3	70.5	70.1	69.8	69.4	69.1		
GS-12	68.3	67.1	67.7	68.7	81.6	81.2	80.8	80.4	80.0		
GS-13	81	79.4	80.2	81.4	96.7	96.2	95.7	95.2	94.8		
GS-14	91.5	89.8	90.65	92.0	109.3	108.7	108.2	107.6	107.1		
GS-15	103.1	99.3	101.2	102.7	122.0	121.4	120.8	120.2	119.6		
Patent Cooperat	tion Tre	atv (PC	т).								
PCT Chapter I Pt	Js redire	ected (na	ralenal) aralenal)								
Chap I reduction				1							
Chap II reduction				•							
Total PCT PU sa		00,000	913	1,250	3,255	8,020	13,342	14,202	15,114		
Examiner PCT P	Us		14,234	14,806	13,764	10,020	5,781	6.069	6 272		
Examiner FTE			158	165	15,764	10,020		6,068 68	6,372		
			100	100	155	112	04	00	71		
Competitive Sou	arcing:		0	35	37	39	42	44	47		
PGPub FTE redirected to examination							, _	77	77		
Overtime:			86	85	85	85	85	85	85		
Overtime hours p	er exam	niner FTI					30	00	03		
Examiner FTE lost/taken out of the examining corps:											
Part-time	Journal Control	n out of	44	44	75. 44		4.4				
Quality initiative	es		12	5	44 5	44 6	44 17	44	44		
New Hire traine			5	15	15	_	17 15	28	34		
CLE Training	.0		8	29	34	15	15	15	15 52		
Exmr Tech Trng 8 hrs >	>=GS12		7	29 6	34 6	38 6	43	48	53		
room ring o ms ?	0012		,	· ·	O	Ö	7	10	12		
Allowance Rate			58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%		

SUMMARY 6/24/05 12:00	FY 2004 07OMB.P39	ACTUAI Emod	06 Pres						
YEAR EOY STAFF PROF W-Y # HIRED # ATTRITED Net Positions	2004 3,681 3,550 443 336 107	4,091 3,649 860 414	4,723 4,149 900 337	200 6 4,631 4,121	5,166 4,676 1,000 423	5,708 5,259 1,000 417	6,265	6,786 6,393 1,000 439	2011 7,274 6,899 1,000 475 525
OVERTIME(K) OT HOURS # BOY NEW TOTAL D'TLS AVG. GRADE	13,373 303,459 443,852 12 12.41	311,496	414,765	17,885 370,904 607,837 28 11.75	21,225 420,796 673,347 29 11.57	24,965 473,270 543,549 31 11.56	29,100 527,269 453,667 32 11.63	31,755 575,375 333,201 32 11.71	34,265 620,855 188,042 32 11.81
RECEIPTS	355,527	376,900	395,709	389,513	359,975	381,565	404,430	428,655	454,410
RECEIPTS TO BE EXAMINED REG PROD TOT PROD DISPOSALS FIRST ACTS PEND FA calculated to PEND IS/AB	355,527 272,372 287,752 287,188 288,316 by FA output	296,535	395,709 293,432 314,454 292,536 336,371	385,518 296,456 315,254 310,500 320,008 22.5 31.3	355,740 391,424 412,751 406,600 418,903 15.6 35.2	377,076 436,042 460,029 453,100 466,958 11.7 25.6	399,672 485,695 512,419 504,700 520,138 7.7 21.7	423,612 531,173 560,335 551,900 568,771 4.0 17.7	449,064 576,801 608,268 599,100 617,436 0.4 14.0
# SPE'S	278	315	364	356	398	439	482	522	559
#PATS PRTD	170,664	176,837	178,913	178,173	234,895	271,005	301,881	331,519	360,486

Plus #3 Added Assumptions
Patentability Reports - 15% gain beginning in FY 07
10% Drop out in FY 07 inventory
10% reduction in filings from Patentability Reports
No Outsourcing of the US Search
Claims reduction - 2.5% in FY 06/2.5% in FY 07 (5% Total)
5% reduction in filings from Continuation Limitation

#2 added assumptions 1,000 Examiner Hiring Levels Trainers for New Hires FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions Adjusted for Complexity Creep PGPub Outsourced Savings FY 06/11 PCT Outsourced Savings FY 06/11 1% Application Abandonments from OIPE GS-12+ Tech Training

07OMB.P39Emod Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011			
Receipts: UPR Filings grow @ 6%	376,900	399,500	423,500	448,900	475,800	504,300	534,600			
Less 5% for discontinued c UPR Filings	2.5% 9,988-	15.0% 63,525	15.0% 67,335	15.0% 71,370	15.0% 75,645	15.0% 80,190				
Less Abandonment Rate 1	% during _	3,995	4,235	4,489	4,758	5,043	5,346			
UPR Filings TO BE Exam	ined [–]	385,518	355,740	377,076	399,672	423,612	449,064			
10% Inventory Reduction			66,635							
Net Filings			289,105							
Examiner Hires:	860	1,000	1,000	1,000	1,000	1,000	1,000			
Attrition rate:	11%	10%	9%	8%	7%	7%	7%			
Production Rates:										
Total complexity creep		-2.0%	-3.0%	-3.5%	-4.0%	-4.5%	-5.0%			
Efficiency Gains		0.025	0.200	0.200	0.200	0.200	0.200			
FY 04	•									
Actual				per examin						
GS-5 25.4		25.5	30.3	30.2	30.0	29.9	29.7			
GS-7 31.5		31.6	37.6	37.4	37.2	37.0	36.8			
GS-9 50.4		50.6	60.1	59.8	59.5	59.2	59.0			
GS-11 62.7		63.0	74.8	74.4	74.1	73.7	73.3			
GS-12 68.3	S-12 68.3			81.1	80.7	80.3	79.9			
GS-13 81		81.4	96.7	96.2	95.7	95.2	94.7			
GS-14 91.5		91.9	109.2	108.6	108.1	107.6	107.0			
GS-15 103.1		103.6	123.0	122.4	121.8	121.2	120.6			
Patent Cooperation Treat	v (PCT):									
PCT Chapter I PUs redirec	• •	I)								
Chap I reduction 25%-07 5										
Chap II reduction 25%-08 5										
Total PCT PU savings		1,250	4,078	9,496	15,284	15,856	16,462			
Examiner PCT PUs		18,423	16,236	11,496	6,428	6,619	6,821			
Examiner FTE	201	177	126	70	72	75				
Compatitive Sourcings						٠				
Competitive Sourcing: PGPub FTE redirected to e	vamination	35	37	39	42	44	47			
	35	31	39	42	44	47				
Overtime:	CTC	00	00	00	. 00		90			
Overtime hours per examir	ier F i E	90	90	90	90	90	90			
Examiner FTE lost/taken out of the examining corps:										
Part-time	55	55	55	55	55	55				
Quality initiatives		39	42	48	50	57	57			
New Hire trainers	30	30	30	30	30	30				
CLE Training	20	21	22	23	24	25				
Exmr Tech Trng 8 hrs >=	GS12	10	13.7	14.4	16	17.6	19.1			
Allowance Rate		60.0%	63.0%	63.0%	63.0%	63.0%	63.0%			